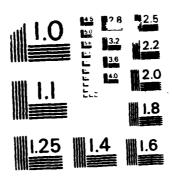
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MICROCOPY RESOLUTION TEST CHAR-

USTX722665 USAFETAC/DS-88/005



MC FILE COPY

OPERATING LOCATION - A USAFETAC Air Weather Service (MAC)



REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

DYESS AFR TX

MSC# 722665

N 32 26 W 099 51

ELEV 1789 FT KIDYS

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 77 - AUG 87

SUMMARY OF DAY DATA: DEC 43 - DEC 45 - AUG 87

FEDERAL BUILDING

"Approved for public release;
Distribution Unlimited" ASHEVILLE, N.C. 28801 - 2723



29 88 1 005

REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER

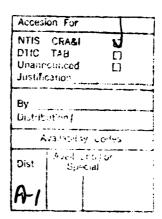
WALTER S. BURGMANN

Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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- 3. <u>Distribution/Availability of Report:</u> Approved for public release; Distribution unlimited.
- 4. Performing Organization Report Number: USAFETAC/DS-88/005.
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- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
- 11 Title: (RUSSWO) Dyess AFB TX.
- 12 Personal Author(s):
- 13a Type of Report: Data Summary
- 13b Time Covered: Dec 43-Dec 45, Apr 56-Aug 87.
- 14 Date of Report: Jan 1988
- 15 Page Count: 312
- 16 Supplementary Notation: See also ADA137575 and ADA079842.
- 17 COSATI Codes: Field--04, Group--02
- 18 <u>Subject Terms:</u> *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Dyess AFB TX; Texas; Abilene TX; Army Airfield Abilene TX; USTX722665.
- 19 Abstract: A six-part statistical data summary of surface weather observations for: Dyess AFB TX. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADAl 32186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
- 20 Distribution/Availability of Abstract: Same as report.
- 21 Abstract Security Classification: UNCLASSIFIED.
- 22a Name of Responsible Individual: Marianne L. Cavanaugh
- **22b Telephone:** (618)256-2625
- 22c Office Symbol: USAFETAC/LDD

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STATION NAME: DYESS AFE TX

STATION NUMBER: 722665

PERIOD OF RECORD:

FOURLY OBSERVATIONS: SEP 77 - ALC 87

TIPE CONVERSION LST TO GMT: +6

USTE PRODUCED: 28 DEC 1997

CALL ID: KDYS

HOURS SUMMARIZED: 0000-2340 LST

OF - NORME TACKHECKERS ASHE VILLE AC LBS L1

HENTSED UNIFORM SUMMARY OF SUPFACE WEATHER DESURVATIONS

- HOUPLY OFFICIALS: ALL RECORD OR RECORD SPICIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/104 AT SCHEDULED HOUPLY INTERVALS.
- SUMMARY OF DAY LATA (DAILY OSSERVATIONS): LATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/104.
- DESCRIPTION OF SUMMARIES: PRECEDUING EACH PART OF THE PUSSMO IS A BRIEF DISCUSSION OF THE SUMMARY INCLIDING THE MEMBER OF PRESENTATION.
- STANDARD 7-FOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOGING EIGHT 3-HOUR TIME PERIOES IN LOCAL STANDARD TIME: JUDI-0200, 0300-0500, 0600-0800, u931-1100, 10 1-1400, 15 10-1705, 1600-2000, 2100-2707 LST.
- FOR A DESTABLER DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND FXERCISES ON ITS USAGE, SEE USAFETAC/TN-63-001. "AN ALE FOR USING THE REVISED UNIFORM SUMMARY OF SUMFACE WEATHER OBSERVATIONS" (RUSSWC).

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STATION HISTORY

- PART A: WEATHER CONDITIONS AND SIMOSPHENIC PHENOMENA SUMMARIES
- PART 8: PRECIPITATION, SNOWFALL, AND SHOW PEPTH SUMMARIES
- PART C: SURFACE WIND SUMMARIES
- PART DE CETLING VERSUS VISIBILITY AND SKY COVER SUMMARTES
- PART F: TEMPERATURE AND PLEATIVE HUMINITY SUMMARIES
- PART F: PHESSURE SEMMARIES
- AWORSO RUPBER: THIS NUMBER IS THE AIR WEATHER SERVICE PASTER STATION CATALOG NUMBER. THIS NUMBER IS COPPRISED OF THE WAS BURBER WITH THE ABOUTION OF A SUFFIX OF THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER, A 5-DIGIT BURBER IS CREATED IN ADRELMENT WITH WHO RULES PLUS A STATE DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATEAU AND WEATHER OF THE REPORTION WORLD WILL BE SUFFICIENT WORLD THE RESERVE TO AS DATEAU AND STATIONS WORLD WILL BE SUFFICIENT OF THE RESERVE TO AS DATEAU AND STATIONS WORLD WILL BE SUFFICIENT OF THE RESERVE TO AS DATEAU AND STATIONS WORLD WILL BE SUFFICIENT OF THE RESERVE TO ASSET THE RESERVE THE RES

	TAT:ON	NO ON SUMMAF	STATION NAME		LATIT	DE L	ONGITUDE	FIELD ELEV (FF) CALL SI	GN	WMO NUMPER
Ì	722	665	Dyess AFB TX/Abilene		N 3	2 26	W 099 51	1789 ft	:	DYS	
			STATECT LOCATIO	ON A	ND IN	ISTRU	MENT	ATION	HIST	ORY	
: 	NUMBER OF LOCATION		GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS L	DCATION	LATITUDE	LONGITUDE		H ABOVE MSL	OBS Per Dat
	1 2 3 4 5 6 7 8	Abilene	field/Abilene Texas AFB Texas B Texas/Abilene	AAF AFB AFB AFB AFB AFB AFB	Dec 43 Apr 56 Apr 57 May 59 Dec 67 Jan 71 Dec 77 Jul 82	Dec 45 Mar 57 Apr 59 Nov 67 Dec 70 Nov 77 Jun 82 Aug 87	N 32 24 N 32 26 Same Same Same Same Same	W 099 51 W 099 51 Same Same Same Same Same	1780ft 1789 ft Same Same Same Same Same	1792 ft 1777 ft Same Same Same 1797 ft Same Same	24 24 24 24
i	NUMBER	DATE	SURFACE WIND	EGUIPMENT	INFORMATION						
	OF LOCATION	OF CHANGE	LOCATION		TYPE OF TRANSMITTE	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. ADI	OITIONAL EQUIP	MENT. OR REA	SON FOR CHANGE
	1 2 3	Dec 43 Apr 56 Apr 58	N/A Located 100 yds North of o Located 1107 yds West of o Bldg. Located North End of runwa	peratio	ns GMQ 11	. RO-2A/G	N/A 25 ft M) 15 ft 1	M-17 Rain M-17 Rain 8 inch R	n Gauge	e Tember	rature
	5	Mar 69	West of centerline & 400 f of runway 16 Located South end of runway West of centerline & 5 ft runway 34 1. Same 2. Same	t South y, 750	ft	RO-362	Same Same	Humidity :	set (AN/ ometer (eter (AN	TMQ-11), AN/GMQ-1 /GMQ-10)	Rotating 3), Trans~
	SAFE	TAC FORM	O-19 (OL A) PHEVIOUS EDITION	is of this	ORM ARE O	BSOLETE.		CONTINUED ON R	EVERSE SIDE		

IUMBER	DATE	SURFACE N	IND EQUIPMENT INFORMATION			
OF DCATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, APDITIONAL EQUIPMENT. OR REASON FOR CHANGE
6	Nov 77	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
7	Jun 82	1. Same	GMQ-11	RO-362	13 ft	
		2. Same	Same		Same	
8	Unknown	1. Same 2. Same	GMQ-20	RO-362	13 ft Same	
		2. Same			Same	
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PPPPP	PFPP	AAAA	AAAA	FRRE	ARRR	11 11 11 11 11	AAAA	AAAA
FP	PP	i. E	44	ić i?	HR	11	AA	AA
44	PF		AA	k fi	RR	11	AA	AA
FEBRE	+ FPP	4.4	AA	ERRE	RRRRR	11	A A	AA
PEPEP	t th	82 848	4444	REHRE	RRRR	11		AAAAA
# P		AAAAA	BAAAA	k R	RR	11	4444	
p P		AA	AA	RH	H R	11	AA	AA
PP		4.4	AA	kн	ĸR	TT	A A	AA
P-P		4.6	Δ.6	12.12	R h	1 7	4.4	

a market in a

WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATER COMBITIONS SEMMARY

- 1. A PERCENTAGE FREQUENCY OCCURPENCY CUMBARY OF VARIOUS ATMOSPHERIC PRENOMENA AND OBSTRUCTIONS TO VISION.
- 2. TATA BASED ON HOUSELY CHSERVATIONS.
- 3. SUMMARIZED BY THE STANDARD 3-HOUR TERE GROUPS BY MONTH, MONTHLY AND ANNUALLY FALL YEARS COMBINEDI.

ATMUSPHERIC PHENCHENA SUMMARY

- 1. E PERCENTAGE FREQUENCY OF DAYS SUMMARY OF MARINUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO MISTOR.
- THE TATA BETSEL ON SUMMARY OF BAY DETER
- J. SUPMARILED BY MONTH WITH ALE HOURS MAD ALE YEARS CONSINCO.

Edelminion::

TRUMERSTO' MS: ALL REFEMTED TRUMDERSTORMS, TURNABULS AND WATERSPOLTS.

HAIN AND/OH DRIZZLE: ALL PLEORTED HAIN AND OH 1917ZLE FALLING TO THE GROUND BUT NOT FPEEZING.

FACE FING BAIN MOVOR FREEZING BRIZZEE (CLAZE): ALL REPORTED FREEZING PAIN OR FREEZING DRIZZEE.

Show PHOYON SLEET. Show INCLUDING Show PELLETS AND GRAIMS, ICE CRYSTALS AND PELLETS, AND/OR SLEET LICE PELLETS).

FAIL: ALL SEFORTED FAIL.

ALL PRECIPITATION: THIS CATLUORY INCLUDES ALL OBSERVATIONS RELOPTING PRECIPITATION. PECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A STRUCT OF STAVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EYCEEN THE PERCENTAGES IN THIS COLUMNS MAY

FOUR ALL PERMATEN FOR THE FUR AND GROUND FOR.

SMORE ANDIOR FAZE: ALL REPORTED SMOKE, FAZE AND ANY COMPINATION THEREOF.

SECULAR SANCE ALL SEPOSTED BLOWING SHOWS INCLUDING DRIFTING WHEN PEPCETFU.

- BUST ANGMOR SAND: ALL REPORTED BUST, 1950, BEGAING BUST, FLOWING SAND AND ANY COMBINATION THEREOF.
 THE ATMOSPHERIC PRENOMENA SUMMARY WAYS ATTHE INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN AND MILES (1977) SUBJECT.
- THE COSTRUCTIONS TO VISION: INCLUDES THE REPORTS OF OBSTRUCTIONS TO VISION (FOR THRU BUST/SAND) AND CHIMING SPRAY. OF CAUSE MORE THAN ORGER PERSONNA PER COSERVATION MAY OCCUR, THE SUM OF THE THAT HOUSE COLUMN.

NOTE 5:

1. A VALUE IN THE TABLES OF ".C" INDICATES LESS THAN . UP & OCCURRENCE WHICH IS USUALLY ONLY ONE OCCUPRENCE

T. METAR STATIONS GEEGINING IN JAN 1960) AND SYNOPTIC PEPORTING STATIONS RECORDED ON THE ANS FORMS ADVIOLA AND TRANSMITTED LONGLING CONLY THE HIGHEST OWNER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1973, METAR STATIONS RECORDED ALL OUSERVED HEROMERA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE ANS FORMS 10/10A, BUT ONLY THE RAIN HAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMAPIZATION. THIS PRACTICL EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY ERANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX PEPIDD OF RECORD: 78-87 MONTH: JAN

FOURS (LST)	TSTMS	RAIN E/OR ERIZZLE	FRZING RAIN G/OR DRIZZLE	SNOW E/OR SLEET	HAIL	2 OBS WITH PRECIP	FOG	SMOKE C/OR HAZE	BLOWING SNOW	DUST E/OR SAND	* 082 W/CB21 TO VISION	TOTAL OBS
10-02	. 4	4.3	1.9	3.5	• • • • • • • •	9.6	9.6	• • • • • • •	• • • • • • • • •	•••••	9.6	930
23+05		4.5	٤.٤	2.7		8.9	10.3				10.3	43C
Se-us 1		٤ • 3	2.2	3.0		10.3	11.2		• 2		11.4	930
: 5-11-1	• 2	4.4	1 • '*	3 • 3		9.5	13.4	. 3	. 1		13.9	930
12-14	. 1	3.9	1.3	4.0		9 • 1	3.3		• 3	. 4	9.4	43 0
25-17		4.9	1.5	3.5		8.9	8 • C	• 2	. 2	• 5	8 • 9	930
19-20 1		4 • 3	1.7	2.4		ម.ប	9.5	• 1	. 3	1.0	10.8	9.30
21-23		2.1	1.6	3.9		9.8	8.1		. 3	• 2	8 + 6	43G
TOTALS +	.1	4.6	1.7	3.5		9.3	9.₺	• 1	• 2	• 3	10.4	7440

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: 78-87 MONTH: FEH

								HONIH:	F E 11				
HOUPS (LST)	ESTMS	HAIN E/OR ERIZZLE	FRZIMU RAIN EZOP DRIZZLE	SNOW EZOR SLEET	HAIL	1 OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING Snow	DUST E/OR SAND	% 085 W/CBST TO VISION	TOTAL CES	••
ra-na I	• · · · · · · · · · · · · · · · · · · ·	٠	2.7	2.7	• • • • • • •	11.1	11.8	.5	.1	1	12.5	846	•
U t-25 1	٠٤	4.5	1.3	4.3		8.9	13.C	• 1	. 2		13.1	446	
ne-da	• 1	6.4	• 7	4 - 1		18	16.0	• 1			16.1	F46	
.9-11 1		7.4	•7	4.3		12.1	14.7	• 2		• 1	15.0	846	
1 ~ - 14 1		7.5	•5	3.1		10.4	9.6		• 2	1 • 3	11.1	846	
2 % = 1.7 1	. 6	5.9	.9	3.5		9.2	В•3	• 2	• 2	2 • 8	11.6	846	
18-10	.5	٠.۶	. ₿	4.3		11.1	9.6	. 4		2.4	12.3	846	
.1-23 1	. 6	0 • 4	1.7	2.8		11.8	11.7	. 8		•5	13.6	દયદ	
TOTALS (. 4	6.6	1 • 2	3 • 7		10 . 7	11.6	• 3	- 1	.9	13.1	67 (B	
	• • • • • • • •		• • • • • • • •									• • • • • • • • • • • •	

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD	0 F	RECORD:	78-87
MONTH	: M/	AR	

 	TSTMS	RAIN E/UR ERI?ZLE	FR2 156 RA 15 E/OP DR172LE	SNOW EZOR SLLET	† AIL	* OBS FITE PRECIP	FoG	SMOKE E/OR BLOWING PAZE SNOW	DUST E/OR SAND	* 085 W/085T TO VISION	TOTAL OPS
1 3- 12 - 1	1.5	5.5		ذ .		5.6	4.5	. 1	• 3	4,9	930
8,3-55 1	• •	4.5	•1	• 6		5.5	6 • 3			6 . 3	930
06-08 <u> </u>	• •	6.5	•1			6.6	7.8	•2		8 • 1	93 ₀
59-11	. 4	5.1		. 3		5.4	5.7	• 1	•1	5.9	93C
10-14	• 3	4.7		. :		4.5	3.2	• S	1.3	5 • 1	930
16-17 1	. 9	3.4			• 2	3.4	2.3	. 3	3.3	5.7	93C
14-20 1	1.0	3.5		٤.	. 1	3,9	1.7	. 4	3 • 4	5 . 6	930
21-23 4	. 9	3 . 7				3.7	2.9	• 3	1 • 3	4.5	930
TUTALS 1	- +	4.6	.:	• 2	• 0	4.5	4.3	• 2	1 • 2	5.8	744C

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEP100 OF RECOPD: 78-87 MONTH: APR

								HOMIN. AFR				
FOURS FOURS FOURS	1 S T M S	RAIN EZOR CRIZZLE	FRZIMG RAIM E/OR BPIZZLE	SHOW EVAR SLEET) AIL	% OBS WITH PRECIP	FOG	SMOKE C/OR BLOWING FAZE SHOW	DUST G/OR SAND	VISION VISION VISION	7 07 AL 06 S	•••
"Cand	.9	3.0		• • • • • • • •	• • • • • • • •	3.6	3.1	•1	1.4	4.7	900	•••
: 1-05	1.1	4.9			• 1	4.9	4.9	• 1	•6	5 . 6	900	
ne-de	1.2	3.7			. 1	3.7	6.7		1.2	7.9	900	
20-11	•3	2.6				2 • 0	3 • 0	• 1	1.1	4.2	900	
10-14	. 4	2.0				2 • 0	1 - 1	• 1	1.7	2.9	900	
15-17	1.7	2.3				3 . 5	• 5		3.0	3.8	900	
18-20 [1.4	3.2				3.2	1.1		3.7	4.8	900	
21-23	. 7	3.4				3.4	1.€		2.1	3.7	900	
TOTALS	1.0	3 • 5			• a	3 . 3	2 • 8	•1	1.9	4.7	7260	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER:	722665 S	DITATE	ON NAME:	DYESS A	FB TX				PERIOD Month:				
HOURS (LST)		STMS	CRIZZLI.	FRZING RAIN &/OP DRIZZŁE	SNOW &/CR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR Sand	2 085 W/CBST TO VISION	TOTAL CBS
¢a+02		2.8	5.9	••••	• • • • • • • •	. 1	5.9	2.0	.4	•••••	.1	2.5	430
03-05	ì	3.0	6 • 3				6.3	5 • 2				5 • 2	630
87-93	1	2.2	5 • ಪ				5.8	6.6	. 3			6.9	930
69-11	1	1.0	4 • 6				4 . 8	3.0	• 2			3.1	930
12-14	J	1.2	5.5			. 1	5.5	2 • 2	• 4		.3	2.6	930
15-17	t	3.2	4.5				4.5	1.0	• 1		1.2	2 • 2	930
18-20	1	4.4	5 • 3				5.3	. 5	. 3		.8	1.5	936
21-23	1	4.6	6.0				6.0	1.0	. 4			1.4	936
TOTALS	i	2.8	5.5		• • • • • • • •		5.5	2.7	. 3		.3	3.2	7440

STATION NUMBER:	72 2665 STATI							PEPIOD OF RECOR MONTH: JUN			
HCURS (LST)	1 TSTMS	RAIN	FR2ING RAIN	SNOW E/OR SLEET	HAIL	% UBS WITH PRECIP	FOG	SMOKE E/OR BLOWING HAZE SNOW	DUST &/OR Sand	# 085 W/CB51 10 VISION	T GT A L OBS
Ca-62	1 4.1	5.6		• • • • • • • •	• • • • • • • •	5.0	1.7	• • • • • • • • • • • • • • • • •	•••••	1.7	906
23-65	1 2.4	4.7				4.7	2 • 6			2.6	900
. 06-08	1 1.4	4 • 3				4.3	3 • 4			3.4	900
09-11	1 1.4	3 . 7				3.7	1.7	•1		1.7	900
17-14	1 .8	2 • 4				2 • 2	• 7	•1		. 8	900
15-17	1 2.1	3 • 1				3.1			.1	• 1	900
18-20] 3+3	4 - 1				4 • 1					900
21+23	1 4.2	4 • 0				4.8	. 4		. 2	• 7	900
TOTALS		-				4.0	1.3	• 0	.0	1.4	7200

GLOBAL CLIMATOLOGY BRANCH USAFETAC FROM FOURLY OF DECUPRENCE OF WEATHER CONDITIONS FROM FOURLY OF SERVATIONS

PERIOD OF PECORD: 78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

_								MONTH: JUL		
HQL p S		RAIN E/OR FRI72LL	FRZING RAIN EZOR DRIZZLE	SNO# L/OR SLEET	HAIL	1 08S #ITH PRECIP	F06	SMORE E/OR BLOWING FAZE SNOW	085 T2UC T2UC T2UC T2UC T2UC T2UC T2UC T2UC	107AL 065
rn+82	1.4	1.3	• • • • • • • •	• • • • • • • •		1.3	• 2	.4	. 6	930
0.7+0.5	1 1.6	2.3				2.3	• 5	• 6	1.2	930
£6−08	j 1.4	2.2				2 • 2	1.0	1.2	2.2	935
09+11	.9	2 • e				2.6	1.3	. 4	1.7	93C
17-14	1 1.6	3. ∪				3 • C	.4		• 4	930
15-17	1 3.2	3.0				3.6				910
18-20	1 1 9	2.8				2.8		• 2	•2	930
21-23	1 1.3	1.6				1.6				930
TOTALS	1.7	2.5				2.5	. 4	. 4	• 6	744 C
	• • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •		

STATION NUMBER: 7:2665	STATION NAME:	DYESS AFR TX	PERIOD OF RECORD: 78-87
			MONTH: AUG

(F71) HON&2	 TSTMS 	RAIN	FRZISU RAIN	SNOW 670H GLEFT	+4 I L	PRECIP	FOG	SMOKE E/OR BLOWING HAZE SNOW	DUST 1 ORS 6/OR W/GBST SAND TO VISION	TOTAL OBS
(D-02		1.0		• • • • • • • •		1.6			.9	936
0.3-05	1 1.4	2.9				2.9	1.1	• 3	1.3	930
16-68	1 1.4	3.7				3.7	2.2	• 3	2.3	936
09-11	.4	3 . 3				5.3	1.8	•1	1.9	93C
12-14	1 .6	1.5				1.5	• 6		.6	9 3 C
15-17	J 3.1	3.0				3 • G	• 2		•2	930
18-20		3.1				3.1		,		927
21-23	1.3	3.5				3.5	. 4		. 4	927
TOTALS		2.9				2.9	. 4	•1	1.6	7434

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

TOTALS |

PERCENTAGE FRECLENCY OF OCCUPRENCE OF WEATHER CONDITIONS FRUM FOURLY CUSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PΕ	ŖΙ	00	٥r	RECORD:	77-86
	10N	TH:	SE	P	

HCURS (LST)	TSTMS	RAIN &/OR CRIZZLL	FRZING RAIN E/OR DRIZZLE	SNOH &/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING Snow	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OPS
pp-02 l	.4	b . C	• • • • • • • •	•••••		6.0	4.1	.7	• • • • • • • • •	•••••	4.4	900
33-65 [. 2	5 • 3				5 • 3	6.6	• 6			6.9	900
16-08 l	• 6	6.0				6 • 6	9.6	.4		. 3	10.C	900
29-11	. 2	3.9				3.9	4 • 7	. 4		. 3	5.4	900
12-14 [. 7	4 . 2				4.2	2 • 1	. 1		•2	2 • 4	900
15-17	1.9	4 - 6				4.8	1.9	.6		• 2	2.7	900
18-20 1	1.7	4.7				4.7	1.8	1.0			2.8	900
21-23	1.4	4				4 • 1	1.4	.7			2 • 1	900
TOTALS	. 9	5 • 0				5.0	4 • 1	• 6		• 1	4.6	7200

STATION NUMBER: 732665 STATION NAME: DYESS AFR TX

1.1

5.5

PERIOD OF RECORD: 77-86 MONTH: OCT

3 . 8

744C

RAIN FRZING SNOW \$ 085
FOURS | TSTMS E/OR RAIN E/OR FAIL WITH % ORS W/GBST T SMOKE RAIN FRZING TSTMS EVOR RAIN DRIZZLE EVOR \$ 005 FAIL WITH PRECIP DUST FOG E/OR BLOWING TOTAL E/OR (LST) | HAZE SNOW TO SLEET SAND 0B5 DRIZZLE VISION cc-c2 | 4.3 1.8 6.2 6.2 4 . 3 930 07-05 | 2.3 7.7 7.7 5.4 5.5 93C - 1 06-08 | . A 7 • 6 8 • C 8.5 930 CP-11 | . 5 5.3 3.9 4.4 930 5 . 3 • 5 4.4 . 9 12-14 | . 3 4.4 . 1 1.2 930 • 3 15-17 • 6 4 . . 4.1 1.4 • 2 1.6 930 18-20 1 • B 5.1 2.0 . 3 2.2 930 21-23 | 1.4 6.3 3.0 3.0 9 ! 0 6 . 3 . 1

5.8

3.6

. 1

• 0

GLOBAL CLIMATCLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 77-86
MONTH: NOV

								HUNIE	NOV			
 FOURS (LST) 	TSTMS	RAIN E/OR Epizzle	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	⊦AIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING Snow	DUST E/OR SAND	* OBS W/CBST TO VISION	TOTAL
00-02		6.0	•1	• 7	• • • • • • • •	6.6	6.7	• • • • • • •	• • • • • • • • •	• • • • • • •	6.7	900
03-05	. 7	6.7	-1	• 6		7.2	7.7				7.7	900
26-08	. 4	6.9		1.1		7.4	9.0				9.0	900
09-11 [. 1	6 • 3		1.1		7.0	8 . 4	. 3			8 . 6	900
12-14	. 1	5.6		1 • 2		6.4	5 • 3	• 2			5.6	900
15-17		5 • ù	•1	• 0		5.8	4 • 6			.4	5.0	900
18-20	. 4	4.3	.6	. 3		5.2	3.9				3.9	900
21-23	. 3	5.0	•1	• 6		5.7	5 . 3				5.3	900
TUTALS	. 4	5.7	•1	• 8		6.4	6.4	• 1		•1	6.5	7200
												

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX

PEPIOD OF RECORD: 77-86
MONTH: DEC

								110,14111					
HOURS (LST)	 TSTMS 	CRIZZLE	DRIZZLE	SNOW E/OR SLEET	HAIL	1 OBS WITH PRECIP	FOG	S™OKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	* OBS W/CBST TO VISION	TOTAL OBS	•
ეე-02	.2		1.8	1.6	• • • • • • • •	9.8	10.1	• • • • • •	.3	.4	10.5	930	•
C 3-05	1	6 • à	2.3	1.6		10 • 4	11.7		.1	• 5	12.4	930	
~6-C8	1	7.6	1.4	2 • 2		16.4	13.0			• 2	13.2	930	
69-11	1	5.7	1.0	2 • 7		8.9	12.4			•1	12.5	920	
12-14	1	5 • 4	1.1	2.7		9.0	8.5	• 2	• 3	•6	9.2	930	
15-17	1	6.5	1 •1	1.9		8.9	8 • 1	• 1	.5	1.6	9.8	930	
18-20	L	3 • 7	1.5	2 • 2		7.0	8 • 3		. 1	1.3	9.6	930	
21-23	1	4.5	1.3	1.0		7 . 3	9.6	•	• 2	.4	10.0	930	
TUTALS	1 .5	5 • 8	1.4	2 • 1		9.0	10.2	• 0	•2	• 6	10.9	744 D	

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS LSAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: 77-87
MONTH: ALL

								11011111					
 -OURS (LST)	TSTMS	RAIN &/OR GRIZZLĖ	FRZING RAIN E/OP DRIZZLE	SNOW &/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING Snow	DUST E/OR SAND	VISION	TOTAL OBS	
ALL		4.0	1.7	3.5	• • • • • • •	9.3	9.8	. 1	.2	. 3	10.4	7440	•••
1	. 4	6.5	1.2	3.7		16.7	11.8	• 3	.1	•9	13.1	6768	
1	. 6	4.6	•0	• 2	• 0	4.9	4 • 3	• 2		1.2	5.8	744C	
1	1.3	3 • 3			• 0	3 . 3	2 • 8	.1		1.9	4.7	7200	
1	2.8	5 • 5			• 0	5 • 5	2 • 7	• 3		. 3	3,2	7440	
J	2.5	4.0				4 • C	1.3	•0		•0	1.4	7200	
1	1.7	2 • 5				2.5	. 4	. 4			• 8	744 G	
1	1.4	2.9				2.9	. 9	• 1			1.0	7434	
1	• 9	5 • 6				5.0	4 • 1	. 6		•1	4.6	7200	
1	1.1	5 • 8			• 0	5.8	3.6	. 1		.2	3.8	7440	
1	. 4	5.7	•1	. 8		6.4	6.4	• 1		•1	6.5	7200	
ı	•0	5 . 8	1.4	2 • 1		9.5	10.2	• C	•2	•6	10.9	7440	
TOTALS 1	1.1	4.7	.4	.9	• 0	5.8	4,9	• 2	.0	•5	5.5	87642	
	(LSŤÍ 1	ALL .1 .4 .6 .5 .2.5 .7 .7 .9 .1.1 .9	FOURS TSTMS & FOR CRIZZLE ALL .1 4.0 .4 6.0 .6 4.6 1.0 3.3 2.5 5.5 2.5 4.0 1.7 2.5 1.4 2.9 .9 5.6 1.1 5.8 .4 5.7 .6 5.8	FOURS TSTMS & COR RAIN C/OP GRIZZLE COP ORIZZLE ALL 1 4 6 5 1.7 4 6 6 6 1.2 1 6 4 6 0 1.2 1 1.0 3.3 2.6 5.5 2.5 4.0 1.7 2.5 1.7 2.5 1.9 5.6 1.1 5.8 4 5.7 1.1 5 6 5.8 1.4	FOURS TSTMS & FOR RAIN FOR SLEET GRIZZLE FOR STEET FOR FOR	FOURS TSTMS & FOR RAIN & FOR SLEET FAIL FAIL FAIL FOR SLEET FAIL FAIL	FOURS TSTMS & FOR RAIN & FOR FAIL WITH PRECIP ORIZZLE ORIZZL	FOURS TSTMS & FOR RAIN & FOR FAIL WITH FOG CRIZZLE COPP SLEET PRECIP ORIZZLE ALL 1	FOURS TSTMS & COR RAIN & COR PRECIP PRECIP FOG COR PAZE FAIL WITH PRECIP FAIL W	FOURS TSTMS	FOURS TSTMS 6/OR RAIN 6/OR SLEET PRECIP	TSTMS	FOURS TSTMS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX

PERIOD OF RECORD: 56-87 MONTH: ALL

									MONTH	: ALL			
MONTH		TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN 6/08 ORIZZLE	SNO. Ezok Sleet	+AIL	1 OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	SNOW SNOW	DUST C/OR SAND	* OBS W/CBST TO VISION	TOTAL
JAN	ı	1.9	22.7	6.9	11.0	••••••	27.2	71.2	1.5	1.3	•2	22.0	961
FŁį.	j	5.3	28.7	5.8	9.7	. 7	31.8	23.1	2.9	. 9	. 3	24.5	875
44 8	1	9.9	20.3	1.1	4 • 1	1.7	28 • 1	15.4	2.0	. 3	.4	17.1	961
APF	ł	17.2	29.4	.2	. 1	3 . 6	29 • 4	13.9	1.8		.4	14.9	936
MAY	i	25.1	36.7			3.5	³6 . 7	13.1	1.9			13.9	992
Jul	1	20.2	28.0			1.8	28.6	5 • ė	. 7		. 1	6.4	960
Jul.	ı	15.6	22.2			• 2	22.2	3.2	1.6		•1	4.4	991
Aus	J	19.3	26.9			. 3	26.9	5 • 2	1.2		•1	5.7	992
SEP	1	12.3	₹0.6			• 3	3ü • 8	15 • 1	2 • 6			16.0	930
00.1	l	9.9	26.3		• 4	• 6	26.3	16.0	1.5			16.3	961
Nu V	i	4.9	25.2	.0	2.6	• 6	25.9	17.2	. 9		.1	17.4	929
DLC	1	1.7	23.8	5.1	7	•5	26.6	21.0	1.7	• 5	• 3	21.5	961
TOTALS	1	11.7	27.3	1.7	3.0	1.1	20.3	14.2	1.7	• 2	.2	15.0	11449

PPPPP	e ep	AAA	AAA	RRRFE	RRRR	77 77 77 77 77 7	R8888	8888
PPPPP	PPPP	AAAA	AAA	88696	RRRRR	11 11 1 11 1 1 1	988861	9889
₽P.	PP	A A	AA	k k	# R	11	Bb	88
PΡ	PP	A A	4.4	F R	k R	ŢŢ	BE	88
PEPPP	PPPP	AA	AA	RRRPE	RAHRH	11	98888	3B88B
FPPPP	PFP		AAAAA	RRRPE	RERR	11	668881	68888
PP			BAAAA	R R	RR	11	88	88
₽P		AA	4.4	RH	8.8	11	BB	88
P.P		AA	AA	RR	H.R	7 T	88888	98886
PP		AA	AA	R IR	Ph	ŤŤ	86888	8888

PRECIPITATION. SNOWFALE AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ADVIABLLY WITH ALL YEARS COMPINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, CREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW LEPTH SUMMARY BECAUSE OF THEIR GOURTFUL MED EIMITED VALUE).

ALSO PROVIDED ARE THE GESERVATION COUNTS.

A VALUE OF ".C" IN THESE TABLES INCICATES LESS THAN .05 & WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION COMMERCES AND THOS DEPTHI SUMMARTES

DATA DERIVEE FROM SUMMARY OF LAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SHOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD CHVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK """ PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND HONTH DEPIVES FROM AN INCOMPLETE MONTH DAT LEAST ONE BAY OF THE MONTH IS MISSING.

WHEN A MONTH HAS VALID COSENVATIONS OF POPTED OUT NO OCCUPRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DATES PRECIPITATION:

".L'" LEVALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME GAILY SNOWFALL:

""" (CUBALS NONE FOR THE MONTH ETENTHS)

EXTREME DAILY SHOW DEPTH:

" " EQUALS MONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

TIATA OFRIVEE FROM SUMMARY OF WAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALTO PPESENTED ARE THE MEANS, STANDARD DIVISITIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "A" IN THE TABLES INDICATED THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE FONTH APE INDICTIFU BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" I' PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MERSCHEMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION FROM SUMMARY OF DAY DATA

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 43-45, 56-87

31411		C	200,	3 1 .									FER TOD	or RECORE	1: 43-45	25-01		
• • • • • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • •	• • • • •		• • • • •	• • • • •	A M O UN T	S IN IN	CHES	• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••••	•••••	• • • • • • •
MUNTH	I I NONE	I I TRACE	 •C1	1 10	l toi	10	1.10	10	1 10	1 10	I TO	I TO	OVER 20.00	T DAYS WITH MEAS	085		GREATES	
NAU	 72.6	111.6	 2 • 2	3.6	2.7	2.9	1 1.6	1.1	1 1.5	ļ !	 	[[1 15.3	1023	1.08	5.30	•01
P 1 1	67.5	14.3	2.4	4.8	2.3	3.1	3.0	7.4	.3	!	į	i	1	16.2	932	1.14	3,49	TRACE
R AP	71.1	13.5	1 1.7	3.8	1.9	3.6	1.7	2.2	.7			f 		15.4	1023	1.23	3.98	.06
46.5	73.2	10.5	 1.6	3.5	2.5	3 • 7	2.7	3.5	1.5	.1	.1	! !		19.3	996	2.22	10.19	TRACE
ма у	62.5	13.3	l 2•1	3.5	2.81	4.9	1 3.5	4.0	1 3.C	.2	<u> </u>	l		24.2	1 1054	3.28	14.70	•21
JL ¥] [71.0	1 15.5	1 1.7	2.21	1.4	3.2	3.9	3.9	2.0		1		!	l Į 18∙5	1020	2.63	7.38	TRACE
Jul	76.3	9.7	•9	2.0	1.9	2.5	2.6	2.6	2.1	.1				14.8	1054	2.29	8 . 5 7	TRACE
AUG	73.1	13.1	1.2	2.9	2.0	2.9	2.7	2,5	2.6	.1	.1			17.0	1054	2.55	6.92	TRACE
38 P	 69.e	15.1	2.1	2.8	2.0	4.2	2.7	2.5	2.7	.7] 			20.1	990	3.03	10.92	TRACE
UC T	73.5	7.7	1.6	2.6	1.3	4.9	2.7	2+5	2.7	! •4				18.8	1023	2.95	9.73	•22
.1C A	74	ا آموا	1.7	2.6	2.9	2.9	3.1	1.1	1.3	.1				15.6	990	1.33	4.44	.01
at C	73.:	111.2	1.6	4.2 4.2	2.71	3.0	2.1 2.1	1.6	 •€ 	! ! !	 			 15.7	1054	1.03	3.25	•01
4NN	1 71.2	1 1:	1 1 . 7	1 3.21	2.21	3.5	2.71	2.5	1 1.7				• • • • • •		122131	24.76	•••••	• • • • • • •

GLOBAL CLIMATGLOGY PRANCH USAFETAC AIR BEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION FROM DAILY OBSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFB IX

PERIOD OF RECORD: 43-45, 56-87

1					2	4 FOUR AT	- N- T-+-S						ALL
YEAP I	J AN	FEB	MAR	494	MAY	ากห	JUL	ΔUG	SEP	OCT	NOV	CEC	HONTH
43	••••	•••••	• • • • • • • •	• • • • • • • • •	• • • • • • •			•••••			• • • • • • • •	-64	• • • • • • • •
44	. 46	1 • 55	.66	. 4 C	1.70	.71	1.61	1.18	.80	2.05	• 5 4	.74	2.0
45	. 17	ن 4 و	1.12	. £ R	1.16	2.67	1.49	2 • 1 3	.97	1.39	•59	.64	2.6
56 1				*1.18	.11	THACE	•34	• 0 5	. 84	1.10	. 34	• 70	
57 1	. 34	• 35	.47	5.95	2.00	.71	•53	.17	2.34	2.07	•56	• 2 4	5.9
58	. 35	• 98	.41	1.65	1.48	1.55	•74	1.21	2.46	.37	.20	-10	2 • 4
59	.02	• 13	• 13		1.00	.51	2.74	•51	.73	4.83	•42	.54	4.8
60 l	1 - 12	• 37	٠ ٥	. 0.	1.10	3	2.68	1.55	1.04	1.31	.01	1.06	2.0
61	1.95	• 72	.25	TRACE	.92	1.71	•74	.37	3.35	.60	1.21	•12	3.3
62	. 51	•92	.74	.9:	.46	1.50	2.43	1.29	1.70	.95	• 2 B	•56	2 • 4
53	. 33	• 37	7 ن و	. 95	4.59	.53	•23	1.19	.46	. 36	1.19	.11	4.5
64	1.15	1 - 45	•93	1.31	.45	.56	ر 5 و	2.11	• 68	.81	1.19	.18	2 • 1
65 1	• 66	• 51	.17	1.91	2.11	4	•52	.72	2.51	2.37	1.58	• 31	2.5
66 1	. 29	. 39	.23	2.81	.21	16	-11	1.97	1.26	1.95	. 24	• 66	2.8
67 [• 23	. 14	.91	. 34	1.87	2.16	.95	TRACE	2.57	1.72	1.43	•80	2.5
te l	1 - 71	• 70	1.19	. 5 7	• 4 5	.72	1.43	1.10	. 47	. 13	1.94	•12	1.9
£9	• = 5	1.30	. 4 3	• b 7	- 94	2.06	TRACE	.71	2.54	.33	. 4 4	.88	2.9
76 1	• 36	• 63	.70	.81	1.32	2.87	•17	.25	2.00	•23	• 0 7	.16	2.8
71	- 21	. 10	.36	1.97	1.35	•51	2.11	2.42	2.38	•67	.34	• 5 5	2 • 4
7	• 12	• 02	. 34	1.17	1.51	1.14	.28	2.05	.56	1.53	.10	•03	2.0
73 1	1.35	• #1	•72	. 54	.27	1.56	1.16	• 35	2.46	.64	.06	.01	2 • 4
74	• 27	. 68	1.35	1.07	.34	.46	.1 3	2.48	3.43	1.69	• 3 0	.47	3 .4
75	. 19	• 7A	1.02	• 2 2	1.39	•62	5.54	1.G4	1.10	.77	2.72	.72	5.5
76 1	• 01	TRACE	.11	1.13	•59	.47	1 • 4 4	.95	3.03	1.37	• 4 6	•07	3 • 0
77 1	. 63	• 15	2.31	1.95	• • 5	.79	1.67	1.12	TRACE	. 75	-14	• 1 5	2 • 3
7 a l	• . ?	• 61	• 05	.92	.05	.76	•95	6.78	1.05	1.06	.33	-19	6 • 7
7 / 1	. 44	. 47	• 7 8	.61	1.26	4.33	•89	•72	. 14	.54	•26	1.26	4.3
9 !	• 49	• 27	. 5 3	• i 5	1.56.	.71	.37	.94	1.56	.77	.89	1.03	1.8
91	1.53	• 92	1.58	. 97	. 44	2.36	2.09	•82	.99	2.72	.24	•15	2.7
32 (. 41	• 58	.37	7	1.77	.98	.80	1.32	.94	• 50	•95	.39	1.7

NOTE + LICASED ON LESS THAN FULL MONTHS!

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION (FROM DAILY GUSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECOPD: 43-45. 56-87

					INCHES	IOUNTS II	FOUR AM	24					
ALL MONTHS 2.31 1.40					•	N- T-H-S	-M-0-						1
	CEC	NOV	0 C T	SEP	A L' G	JUL	JUN	MAY	APR	MAR	FEB	MAL	YEAR !
	-23	1.75	2.31	.18	TRACE	1.36	.64	.62	.10	.78	. 12	1.11	83 1
	1.04	.84	1.17	1.40	.77	•33	.15	•12	13	.12	• 22	. 65	84 I
3.60	•05	• 3 0	3.60	1.15	1.07	2.05	2.14	1.53	1.27	.78	. 38	. 23	85
3.00	.88	1.20	3.00	1 - 74	1.75	.96	2.29	1.27	5 ¹²	• 4 C	• 90	• 62	86
					2.54	1.20	1.04	2.51	• 76	1.67	1.02	. 23	87
3.035	.446	.698	1.375	1.462	1.253	1.175	1.218	1.209	1.042	.65£	.554	.505	PLAN
1.273	. 362	.640	1.248	.975	1.208	1.06	•922	913	1.675	.520	. 394	.519	s . 0 .
12213	1654	99 Č	1023	990	1054	1054	1020	1054	99€	1023	9 3 2	1:23	L DBS I

NOTE * LEASED ON LESS THAN FULL MONTHS)

GLORAL CLIMATOLOGY BRANCHUSAFETAC AIR WEATHER SERVICE/MAC MONTHLY PRECIPITATION (FPLM DAILY OCSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF PECORD: 43-45, 56-87

1	TCTAL MONTHLY PRECIPITATION IN INCHES -M-O-N-T-K-S-												
YEAD	MAL	FEB	MAR	AF?	MAY	JUN	JUL	AUG	SEP	0.01	NOV	t E C	MONTHS
43	• • • • • • • • •	•••••	• • • • • •	• • • • • • •		• • • • • • • •			• • • • • • • •		•••••	1.75	• • • • • • • •
44	1 . 36	2 . 76	1.34	.7:	5.57	1.02	3.80	2.55	1.16	2.07	1.47	2.09	24.90
45	. 14	1 • 53	2.97	1.55	2.9€	5.33	4 .69	3.75	1.42	3.73	•59	.69	29.08
56				*1.15	.21	TRACE	.56	.08	• U 5	2.58	. 49	•88	
57 1	. 50	1.62	• 7 G	10.19	14 + 77	4.93	1.25	. 34	3.05	2.99	1.72	-40	40.19
58 1	1 - 24	າ • ເປ	1.67	3.58	3.33	2.38	1.68	2.85	4.41	1.57	. 42	.11	25,14
59 1	4	• 35	-13	.55	2.74	3.94	7.11	.54	1.37	5.20	. 45	1.73	24.12
c _	2.23	• 7	. 4	1.95	4.71	1.50	2.97	3.91	1.42	3.47	.01	3.25	23.62
61	3.93	1.60	•69	TRALE	1.57	7.39	4.38	• 6 3	6.03	1.29	3.67	. 31	31.84
62	. 23	• 73	1.47	2.03	•55	5.56	4.22	1.37	3.40	1.15	.56	1.01	21.36
ا ده	. 24	. 45	• ∪ 7	1.75	9.47	1.23	•40	3.14	•50	. 44	2.17	• 35	19.66
64	7 . 11	2.49	1.62	2,61	1.26	1.63	•50	4.94	1.67	1.06	2.31	.19	21.69
65	1.17	1 . 3t	• 22	3.16	しゅちゃ	2.42	.69	1.29	6.31	3.06	1.62	•95	26.8
66 !	• 7º	. 75	•51	7.39	• £ 3	2.16	•11	4.92	3.14	2.20	• 25	.10	22.91
t / 1	. 23	• 15	1.54	• 5 6	2.99	3.22	1.79	TRACE	5.47	2.63	3.09	1.49	22.41
to 1	5 • 30	3.47	2.69	2.51	1.80	1.64	2.17	1.48	. 6 3	. 22	4.49	.21	26.78
69 1	. 63	1.74	2.40	2.45	0.37	2.89	TRACE	1.49	5.58	1.61	1.30	2.04	28.70
1- 1	• 17	1.54	1.00	1.67	3.76	2.57	.17	.46	3.43	. 12	.07	.29	17.07
71	• [1	• 23	• L: 6	2.54	2.45	1.50	3.67	8.92	6.58	1.93	•55	1.46	30.30
72	1	• 33	. 34	1.75	2.91	3 - 11	.4 3	4.87	1.44	5.71	.48	• 05	21.31
73 1	3 . 36	1.92	2,54	1.42	.12	1.79	2.18	•68	4.61	2.81	•07	.01	21.5
74 1	. 13	• 68	1.08	2.37	.69	.92	•27	5.51	10.92	5.20	1.16	1.71	30.73
75 1	. 51	1 - 74	1.39	.56	3 • 5 ℃	⁰ ت ا	€.57	3 • 3 6	3.04	.85	2.81	.78	28 - 49
76 1	• (1	TRACE	• 2 ti	4.03	• 9 9	.71	5.93	1.33	5.32	5 • 47	.70	.07	24.46
77	1.65	. 16	2.41	5.36	•21	1.25	2.32	3.25	TRACE	1.96	.25	•15	19.01
75	• t 5	$1 \cdot 39$	-17	. 47	1.46	2.28	1.36	7.39	3.50	1.49	1.36	.29	22.01
79	1 • 0"	. 94	3.99	1.97	≟•67	0.07	1.61	1.52	•32	.54	•52	2.74	23.76
8.	. 67	• 51	•59	.05	4.57	1.95	.37	1.52	6.54	.83	1.60	2.05	21.05
61	1.24	1.27	2 • _ 4	3.47	1.71	4.420	4.05	.83	1.39	9.73	• 4 1	• 2 8	30.60
32 1	• 64	. 71	. 4 4	• 5 3	6.57	3-10	.66	1.97	1.22	1.13	1.68	1.72	20.87

1.01E . * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATCLOGY BRANCH LSAFETAC AIR WEATFER SERVICE/HAC

MONTHLY PRECIPITATION (FROM DAILY CUSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS ARE IX

PEPIOD OF RECORD: 43-45. 56-87

				INCHE 2		FCIDITA		TOTAL NO					
ALL					-	. 2 - H - T -H .	-M-0-						,
MONTHS	[E C	NOV	0.01	SEP	ΔUG	JLL	JUN	PAY	APR	PAH	FFB	. F A*.	AL MA I
18.96		2.35	3,99	.30	TRACE	1.72	2.43		.4.	1.00	.19	3 - 36	83 1
						-				-	. 37	1.33	94 1
18.95	3.12	1.94	5.19	2.36	3.38	.43	. 32	• 23	. 14	-14			
27.81	.05	•98	6.71	1.50	2.06	3,64	3.01	3.62	2.2-	1.06	1 - 25	• 2-	95
32.37	2.16	2.83	7.70	2,26	3.23	1.51	0.22	3.24	1.22	• 4 2	1.75	. 12	êo l
				•	3.13	1.97	2.42	6.50	.95	2.13	3 . 37	• 66	7 1
25.018	1.(29	1.334	2.948	3.034	2.550	2 . 28 7	2.628	3.276	2.215	1.226	1.144	1.765	₩ EAN I
5 • 08 0	• 557	1.115	2.304	2.468	2.116	2.115	1.798	7.347	2.119	1.511	. 913	1 . 178	5.0. 1
12213	1054	990	1523	99 C	1054	1 05 4	1023	1054	44€	1 n2 3	9 32	1023	L 0 ts 1

THE . W. LEASED ON LESS THAN FULL MONTHS!

GLOBAL CLIMATCLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

NO V

uí C

1 97.1

1.71

1 97.0 1 2.21 .21 .21 .21

-11

.11

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 56-87

930!

·8 | 11451|

• 0

1 • 0

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX AMOUNTS IN INCHES * DAYS! TOTAL! FONTHLY AMOUNTS Muh Tr MEAS 0BS | MEAN GREATEST LEAST AMTS 1 .0 8.71 • 5 İ . 1 . 2 9611 i . 3 1e . 1 37.8 . 91 .31 3.4 JAN .6 F E 3 90.2 6.71 .9 . 5 .31 3.1 875 1.3 6.7 .0 MAR. 961 • 0 .0 APR 99.5 936 TRACE TRACE 992 .0 44.4 1120.0 • 0 •0 • 0 •0 JU N 1100.0 • 0 992 • 0 .0 .0 JUL 123.6 992 . 0 .0 Au G 1173.6 •0 SEP 150.5 930 .0 .0 .0 uc r 99.8 9611 TRACE •0 .1 .0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX

PERIOD OF RECORD: 56-87

_					4	FULR AM		INCHES					
J			_				N-T-H-S-						ALL
YE AR	بائم ل	FEB	MAR	APR	MAY	NUL	JUL	ΛUG	SEP	0 C T	NOV	CEC	MON TH:
	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	.0	• D	.0	•••••	•0			• • • • • • • •
56 I			*****	* • €	• 0				• 0		1.4	. ő	1.0
57	TRACE	. • •	TRACE	TRACE	• 0	• 0	• 0	• 0	• 5	•0	TRACE	1.0	3.
56 I	2.8	1.0	7.3	• 2	• 2	٠٥	• 0	• 0	• 0			.0	
59	TRACE	- 1	• D	•?	• "	٠.0	.0	• 0	• 0	•0	3.		•
66 1	TRACE	•4	TRACE	• 3	• -	• 2	• 0	• 0	٥.	•0	.0	TRACE	
61 I	i •5	3 • 5	• 0	• C	• €	• 3	• O	• 0	• 0	. 0	TRACE	• 0	3.
62 1	TRACE	TRACE	5.0	• 0	• C	• 0	• 0	• C	• 0	• D	TRACE	TRACE	5.
63 1	•2	3.7	TRACE	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	1.1	3.
64 1	` • ?	1.5	TRACE	• 0	• E	. 3	• O	• 0	• 0	• C	• 0	TRACE	2.
υ5 I	•3	TRACE	TRACE	• 3	• 3	• 0	• 0	• 0	• 0	• 0	• 0	.0	TRAC
66 1	4.0	3.0	. C	• 0	• 0	• 3	• J	• 0	• 🗅	• 0	• 0	.0	4.
67	.3	TRACL	• 1	• 7	• 5	• 3	• 9	• C	۰۵	TRACE	• 11	1.4	1.
to I	TRACE	1.5	2.2	• :	• 6	• 0	. 3	٠Ċ	• 0	• 0	4.2	• 0	4.
64 !	TPACE	TR A CL	TRACE	• r.	• 7	• 0	• U	• G	• 0	• C	TRACE	2.4	2.
75 [TRACE	TRACE	5.8	• 2	•	. 3	• 0	• 0	.0	• 0	• 5	.0	5.
71	•0	1.1		• ^	• 7	.5	• 0	• 5	. ت	,0	TRACE	TRACE	1.
72	2.0	TRACL	1.5	•	• U	. 5	• 0	• 0	• 3	.0	1.0	TRACE	1.
73	7.6	2.0	3.	• (•	.5	• 3	• 0	•0	•0	• 0	• 0	7.
74	TRACE	TRACE	TRECE		• 2	.0	.0	• 6	• 0	• 3	TRACE	TRACE	TRAC
75 1	2.5	TRACL	TRACE	• •		• 3	• 0	• 0	• 0	• 0	• 0	TRACE	2.
75 1	٥.5	-3	• 0		• 3		. 0	•0	• 0	•0	5.0	.0	5.
77	: .2	•3	•0	• 9	• 5	• 3	• 3	• 0	. 5	•0	TRACE	. 0	2.
7 t	1.3	1.3	• 7	id	. 0	. 5	• i)	• 0	• 0	•0	• 3	1.4	1.
79	TRACE	3.5	. 5	• 11	• 5	.3	• 0	• 5	. 5	•0	TRACE	TRACE	3.
	THACE	2 • 1	TRACE	•	.0	•3	. 3	·c	•0	TRACE	5.7	• 0	5.
સંદુ	2.0	• 2	1 K F C L	• f		ر. ه ن •	.0	•0	.0	• 0	• 0	.0	2.
91			TRACE		• 1	• 3	• 0	•0	• 0	• 0	TRACE	1.0	3.
6- 1	u	TRACL		• ^	• 6			• 0	.0	.0	•0	ž.1	70
9.3	7.8	TRACL	.0	• ;	• 0	• 3	• 0	•0	•0	.0	•0	TRACE	í:
84 / 85	THACE	1.5	TRACE • 0	• 11	• 17	• 6	.0 .0	• 0	.0	•0	.0	TRACE	2.

NOTE . LEASED ON LESS THAN FULL MONTHS)

CONTINUED ON BEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL (FPOM DAILY OBSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: 5'-87

	1	-r-0-n-1s-												
YEAR	-	J AN	FEB	MAR	APP	PAY	JUN	JUL	ALIG	SEP	OCT	NOV	CEC	ZHTNOM
86 87	1	.2 1 .2	TRACE 5.0	TRACE	•: •:	• E • D	•0 •0	•3	•0	• 0	•0	TRACE	TRACE	TRACE
MEAN S+D+	1	1.35 2.724 961	1.07 1.423 875	.62 1.479 961	TRACE •050 936	.030 .030 .992	.000	.00 .00 992	.00	.00 .000 930	TRACE .300	.56 1.510 930	.34 .678 961	2.82 2.086 11451

HOTE # 1545ED ON LESS THAN FULL MONTHS)

OL BEAL CLIMATOLOGY HRANCH MONTHLY SNOWFALL
PSAFCIAC (FROM DAILY OBSERVATIONS)
AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 56-47

TOTAL MONTHLY SNOWFALL IN INCHES -M-O-N-I-h-S-														ALL	
4 F A 19	í	JAN	FEB	MAR	APR	MAY	JUN	ארן	ΑUG	SEP	0 C T	NO V	CEC	HONTHS	
· · · · · ·	;	• • • • • •	• • • • • • • •	• • • • • • •	*.0	.0	•0		•••••			•:•	•0	• • • • • • • •	
5 7	!	TRACE	•0	TRACE	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	1.4	• 3	1.4	
5 9	l	6.5	1.0	5.1	• 0	•0	• 0	• 0	• 0	.ŏ	•0	TRACE	1.0	13.6	
5.9	1	1 P a CE	- 1	• 0	• 5	žŏ	.5	. 5	• 0	• 0	•0	• C	• 0	• 1	
6.0	1	TRACE	.4	TRACE	• 0	• 0	• 0	. a	.0	• 0	.0	.0	TRACE		
5:	f	1.7	6.7	• 2	. 0	• 0	• 0	• 3	• 0	. າ	•0	TRACE	•0	8.6	
62	1	TRACE	TRACE	5.0	• 0	• 0	• 5	• 0	• 0	•0	•0	TRACE	TRACE	5.0	
5.3	1	•2	4 - 1	TRACE	٦.	•0	• 0	• 0	• 0	.0	•0	• 0	1.3	5 • 6	
A 44	ł	2.2	:.6	TRACE	• 0	• 5	• 0	• 3	• 0	.0	•0	•0	TRACE	3 . 8	
45	1	۰.5	TRACE	TRACE	• 0	• 0	•3	• 0	• 0	•0	•0	.0	• 0	TRACE	
5.6	1	10.5	3.8	• 3	.0	.0	• 3	• 0	•0	• 0	.0	. 3	•0	14.1	
67	1	.3	TR A CE	• 1	•0	.0	• 0	• 0	•0	•0	TRACE	• 0	1.4	1.5	
5.8	ŧ	TRACE	3.5	2.2	• 0	.0	• 0	• 0	• 0	.0	•0	9.1	• 0	13.6	
59	t	TRACE	TR & CE	TRACE	• 5	•3	.0	.0	•0	• 0	•0	TRACE	4.1	4.1	
73	1	TRACE	TRACE	6.5	• 0	• 0	• 0	• 0	• 0	•0	•0	٠,	• 0	6 • 9	
71	ŀ	.3	1.1	• 6	• 0	•0	•0	• 0	•0	•0	.0	TRACE	TRACE	1.	
12	ŧ	: • 5	TRACE	1.5	•0	• 0	• C	- 0	•0	•0	-0	1.0	TRACE	4 - (
7 3	1	1 4 .1	2.2	• 0	• 0	• 0	• 0	• 0	• 0	•0	•0	• 3	• 0	20.9	
74	•	TRACE	TRACE	TRACE	• 0	• 0	•0	• 0	•0	•0	•0	TRACE	TRACE	TRACE	
75	1	2.5	TRACE	TRACE	• 6	• 0	• 0	. C	•0	• 0	• 0	• 0	TRACE	2. !	
76	1	•1	•3	• ប	• 0	• 0	• 0	. 0	•0	• 0	•0	7.0	• 0	7.0	
7.7	1	: •g	• • •	• 5	• 0	• 0	• 0	. 3	• 0	• 0	• 0	TRACE	• 0	3 • (
78	ı	1.4	1 • 5	. 7	• C	-0	• 0	• 0	• 0	• C	•0	• 0	1.6	5.0	
73	l	TRACE	3.6	• 0	• C	. C	.0	.3	• 0	•0	•0	TRACE	TRACE	3.6	
3 C	1	33 A F I	2.4	TRACE	• C	• 0	• 0	.0	•0	.0	TRACE	5.5	• 3	8 • 1	
3:	1	2.3	•2	• 8	• 0	•0	•0	• 0	• 0	• 0	• 0	• 0	• 3	2 • 2	
3 Z	į.	3.4	TRACE	TRACE	• 3	• 0	• 0	.3	• 0	• 0	• 0	TRACE	1.0	4 . 4	
ë 3	1	12.2	FRACE	• 0	. ?	• 0	• 0	. 3	• 0	.0	• 0	• 0	6.0	18.2	
44	ļ	TRACE	1.5	TRACE	• ?	• 0	• 0	. ა	•0	• 0	• 0	• 9	TRACE	1+5	

NOTE . . CRASED ON LESS THAN FULL MONTHS!

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
GFPOM DAILY OBSERVATIONS)
AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 56-87

	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • •			SNOWFAL			• • • • • • •	• • • • • • • •	• • • • • • • • •	••••••
1 1 8434	MAL	FEB	MA₽	APP	MAY	JL N - 0 -	N-1-H-5- JUL	AL'G	SEP	ост	NOV	DEC	ALL MONTHS
86 57	.3 1.0	TRACE 5.0	.G Trace	•0 •0	•0 •0	. o . o	• 0 • 0	.0	• 13	•0	TRACE	TRACE	TRACE
MEAN S.C. TOTAL OBS	2 + 29 4 + 2 00 9 61	1.29 1.837 875	.70 1.693 961	1RACE •DLC 936	•00 •308 992	.00 •803 960	.00 .003 992	.000 .000	•00 •000 •30	**************************************	.77 2.170 930	+53 1+321 561	5.57 5.505 11451

NOTE * (BASED ON LESS THAN FULL MONTHS)

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1.11 .41 ,21 .11

ANN

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SNOW DEPTHER SUMMARY OF DAY DATA

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX PERIOD OF RECORD: 43-45, 56-87 AMOUNTS IN INCHES 4 10 | 7 | | 10 | | 12 | 13 I 10 I 37 10 49 25 | 10 | 61 T0 1 OVER | * DAYS| TOTAL! WITH MEAS MIGNITH 120 AMTS ! MEAN GREATEST LEAST 91.8 JAN 4 . 6 | 1 . 6 | .81 .11 .3 I 1022 3.6 93.5 FE3 3.51 1.2 2.6 932 98.9 1023 APR 1100.0 9961 1:00.6 MAY 10541 10201 [100.0 JLL 1054 400 1170.6 1054 1100-0 9901 JC T 1100.0 1023 ... V 1 98.3 | . 7 [•4 J . 2 [1.0 1 9901 ع باند

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FXTREME VALUES OF SNOW DEPTH

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PEPIOD OF RECORD: 43-45, 56-87

	UPILY SNOW DEPTH IN INCHES -K-O-N-T-H-S-												
YEAR !	J API	FEB	MAR	APR	YAM	JUN	JUL	AUG	SEP	OCT	NOV	CEC	ALL MONTH
43 1	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	0	• • • • • • • •
44	43	č	8	5	c	c	s	ē	D	٥	D	o	
45	Ö	į	ε		ē.	3	0	0	n	Ď	O	TRACE	
56				+ €	ſ	٤	0	0	3	ō	0	0	
57	0	ت	C	~	ņ	S	ŋ	С	0	0	1	0	
58	1	:	1	5	3	5	e	3	7	0	0	TRACE	
59	TRACE	TRACL	e	,3	Э	e	3	C	O	9	Ω	C	TRAC
60 1	0	TRACE	٥	2	r	5	o	0	0	0	٥	TRACE	TRAC
61 1	3	٤	ಲ		O	3	o o	G	9	0	O	0	
62 1	TRACE	TRACE	5	•	5	2	3	٥	c	٥	TRACE	TRACE	
63	TRACE	1	5	3		2	Э	3	۵	O	p	TRACE	
64	2	2	ε	C	ز	2	a	3	c	C	g	o	
65 !	Ü	c	۵	:	3	3	ε	2	O	C	2	ລ	
66	3	3	0	:.	3	2	3	9	o	9	C	0	
67		2	Ŀ	Ξ	7	C:	5	C	0	c	0	2	
68	7	1	Ž	c	3	Ö	а	c	Ð	C	2	C	
69 1	?	3	3	ί.	Ð	C	£	o	ŗ	C	σ	1	
7 Ú	.,	U	6	:	7	a	Э	C	C	0	O	0	
71	9	1	1	e	G.	Э	G	C	5	6	D	٥	
72 1	TRACE	1	C	c	3	J	a	С	0	c	0	TRACE	
73	8	TRACL	C	7.	7	O	ی	C	а	C	o	9	
74	TRACE	٤	TRACE	ŗ	7	ū	J	Э	0	0	0	TRACE	TRAC
75	2	:	O	5	3	ø	ລ	D	b	0	0	TRACE	
76	ن ن	ن	υ	٤	c	5	c	C	כ	G	3	C	
77	3	نا	.0	Ç	Ω	2	٥	0	9	0	c	0	
7 t	1	1	TRACE	:.	-	3	a	О	٥	D	רי	1	
79	1	ذ	0	2	5	2	٥	C	n	0	3	1	
ا دة	TRACE	2	ប		5	3	٥	C	D	۵	6	0	
81 1	TRACE	TR A CE	C	ć	6	€	0	G	C	0	٥	0	TRAC

NOTE - * CRASED ON LESS THAN FULL MONTHS!

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FXTREME VALUES OF SNOW DEPTH IPPOM DAILY OBSERVATIONS!

STATION NURSED. 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 43-45, 56-87

	1				UAILY SNOW REPIR IN INCHES -M-O_N_T-H-S-									ALL
YEAR	•	JAN	FEB	MAR	468	MAY	ИИС	JUL	AUG	SEP	0.01	NOV	EEC	MONTH!
'	· i · ·	7	5.		•••••			ü	n	•••••••	C	٥	2	• • • • • • • • •
94	1	Ü	ž	TRACE	~	- 0	3	ວ	č	ō	0	0	TRACE	TRACI
8.5	ļ	2	3	0	~	<u>-</u>	3	٥	ε	ā	0	э	TRACE	
66	1	э	TRACE	ລ	c	:	7	0	C	C	0	C	0	TRACI
87	1	TRACE	5	TRACE	7	ū	ε	J	С					
PEAN		i .1	1.0	• • • • • • • • • • • • • • • • • • • •	•••••		.5			•0	•0		• • • • • • • • • • • • • • • • • • • •	2.
< .D.	1	1 . 9 56	1.425	1.371	•665	• DUS	•:60	. 000	.000	• 200	.000	1.194	.538	2 • 22
L 085	1	1022	9 32	1023	446	1354	1020	1054	1054	990	1023	996	1054	1221

NOTE + (SASED ON LESS THAN FULL MONTHS)

```
        PPPPPPPP
        AAAAAA
        PPKRKKRR
        TTTTTTTTT
        CCCCCC

        PP
        AAAAAAAA
        RRRPKRRR
        TTTTTTTTT
        CCCCCCCC

        PP
        PP
        AA
        AA
        RR
        RR
        TT
        CC
        CC

        PP
        PP
        AA
        AA
        AH
        RP
        TT
        CC
        CC

        PPPPPPPPP
        AA
        AA
        AFKPRRRR
        TT
        CC
        CC

        PP
        AA
        AAAAAAAAAA
        KR KPRRRR
        TT
        CC
        CC

        PP
        AA
        AA
        AR
        RK
        TT
        CC
        CC

        PP
        AA
        AA
        AR
        RR
        TT
        CC
        CC

        FP
        AA
        AA
        AR
        RR
        TT
        CCCCCCCC

        FP
        AA
        AA
        AR
        RR
        PR
        TT
        CCCCCCCCC

        FP
        AA
        AA
        AR
        RR
        PR
        TT
        CCCCCCCCC
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c - 1 - 1

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA BERLYEE FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIOUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIPECTIONS FRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. CUMMFNCING LULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK """ IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED TO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPLETE THESE STATISTICS AND INCOMPLETE MONTHS APE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

HIVERIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED AND THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN WHICH IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PURCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR 1112 GROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED)..

A SUPARATE ANNUAL TABLE PRESENTS THE DAME REVARIATE DISTRIPCTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO ON UPLATER THAN 1/2 HILES, THE CEILINGS ARE 250 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO ON URLATER THAN 250 FLET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF "." IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .35%.

CYTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 57-87

ALL									:0 T S	IN K			PE AF - 0 - 4-		U										,	
MCN TH	CECI		1404		OCTI		FPI		AUG [JUL		JUN		44 Y		A PP		ARI		EB [1	I MA I		e İ	YLAR
	43)	MNH	331	Ŋ	341	**	401	NNL	•261	NE	1		1		048]	•	- 1	• • • • •	1		1	••••	1		· ; ;	57
NNE 6	251	¥	421	MNH	241	SW	271	SW	27 i	NNE	321	55 🗑	υ4 [MME	431	7. F	401	FMM	321	NW	401	WNW	311	ΝE	- 1	50
WSW 4	331	S	401	WSW	31 I	5 S W	25	S S #	331	NE	31	Ę	271	1.6	43 I	ກິກ	371	NNE	411	FNM	35	MINH	35	5 S h	- 1	5.9
ੂ 5ਹ	331	N	361	5 S W	341	HNW	301	N	30 [S	331	N	521	•	361	S	34	S	411	hNn	501	¥	401	h	1	00
WNH 5	* 35 l	W	*341	¥	*421	N	42 l	SSE	281	S€	321	N	54	wNw	3 € 1	14.14	4 5	₩ S ₩	381	n faw	331	H	36	٨,	ŧ	61
SSW #5	*271	N	*37 [22₩	• 37 f	S	34 [NNE	#28 (\$	* 551	55 h	651 F	with the t	391	5	361	S	491		37	S	41	SSwi	- 1	62
N 5	ı ⇒ 3 3 i	SSW	411	ΝE	28	¥	251	ESE	#39	# S W	331	N.	501	Λ.	491	SIL	471	NW	37 l	5	34 1	¥	271	L	- !	€3
NNW 5	421	S	361	ςE	381	S	33	N	58	NNW	321	t.	541	Nº1 w	391	SSE	4.71	S	421	in	401	SSW	421	Ni m	F	4,4
₩ 5.	401	W	351	WSH	35	SE	381	E	381	SE	3 D I	Ł	441	ડ	45	3.SE	5:1	b	4 C I	5	35	S	48	45 #	1	65
WSW 5.	331	N	311	SSW	351	NNE	321	P2	291	N	301	Sr	361	2	45.1	358	301	NNE	491	A W	35 1	S	531		- 1	66
₩ 5	431		371		411		431			S					54				431	N	411	N	44	w	ı	67
27/ 48	491	27/	37[18/	37	18/	271	20/	36	9/	371	15/	341	5	45	Sím	371	N	391	5	251	N	131	5	1	6.5
35/ 54																		18/							1	£۶
24/ 41	491	24/	4 I [20/	30	301	321	18/	34	2€ *	281	19/	471	271	351	31/	4.71	237	351	13/	39	21/	41 i	217	- 1	7.0
25/ 47																		201							1	71
35/ 53																		23/							ı	7.
1/ 4/																		1/							ł	73
14/ 80	271																								1	14
267 41	361	18/	401	21/	401	18/	32}	361	331	5/	311	15 /	44	161	401	12/	4 ^ [16/	481	25/	46 1	291	4-1	351	;	75
16/ 50	331																	167						197	- 1	76
25/ 5																		15/							l	7.7
30/ 39																		18/							1	7 t
24/ 4.																		25/							1	74
29/ 50	361																	1/							ł	÷,
29/ 4	391																	19/			33 [361	28 [291	1	- 1
34/ 4.																		241						267	!	9.2
33/ 51															301	34/	511	23/	441	347	32 1	29/	391	17/	- 1	43
27/ 5	351																	261							:	ye 4 4
327 5	281																								1	45
6/ 4	291	16/	321	17/	291	15/	361	17/	311	27	301	13/	431	61	371	167	371	18/	361	157	36 1	19/	331	141	ì	s. c

CONTINUED ON LEXT PAGE

NOTES & (BASED ON LESS THAN FULL MONTHS) & (PASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLUBAL CLIMATOLOGY BRANCH
USAFETAC
GROW DAILY CUSEP VATIONS)

AIR NEATHER SERVICEMAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 57-87

							ه ن	LILY PEAK							
		1						_M_U~	N-T-H-S	-					ALL
YE A		-	INAL	•	MARI	APRI	MAY		JUL	- •	SEPI		NOVI	CECI	MONTHS
87		1 :	32/ 391	27/ 511	261 461	33/ 301	29/ 381	36/ 351	19/ 341	207 401	1	1	ŀ	4	••••••
				38.61											50.7
S .D .		ı	4 . 2 73 1	5.3971	4.7991	6.961	4.7251	8.734	5 . 29 4 1	7 - 1951	4.7941	5.2451	9 - 142	6.3981	8 • 29 <u>n</u>
TAL OB	2	ı	9 26 1	8461	9261	8991	9471	£791	9151	9151	8041	9171	8881	517	10859

NOTES . (PASED ON LESS THAN FULL MONTES)

S (PASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF PECORD: 78-87
MONTH: JAN HOURS(LST): DDCO-02CO STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

***********		• • • • • • •	•••••	• • • • • • • •	WIN	C SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21	22-21	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.2	3.2	4.0	3.3	.5			• • • • • • •	• • • • • • •	•••••	•••••	12.4	8.9
NNE	.5	1.5	1.8	. 4	•1							4.4	7 • 2
ΝĒ	,	. 9	1.0									2.6	5.5
ENE	. 3	.6										1.0	4.6
E,	1.3	. 2	• 1									1.6	3.1
FSE	. 3	1.0	•6									1.9	5.6
SE	.5	. 4	1 • 1	٠.5								2.6	7.2
SSE	1.4	1 • €	1.1	1.3	• 1							5.5	7.1
S	3.0	3 • ₽	3.2	4.3	• 6	•1						14.7	8.2
\$ \$#	2.7	2.0	2.2	1.5	• 2							10.1	7.7
S	1.9	1.4	1.2	. 5								5.1	5.7
w S W	.6	. 9	1 • 3	• B								3.5	7 •4
le .	. 9	1 - 7	2.0	• 2	• 2							5.1	6.8
to fate	.9	1 • 7	•6		•1							3.3	5.4
NW	1.5	2 • 7	1.2		• 1							5.6	5.0
NNH	1.1	1.2	.5	• 2								3.0	4 .9
VARIABLE	I	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •		• • • • • • •		•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	
CALM	1	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,	///////	,,,,,,,	17.6	/////
TOTALS	 	24 • 8	21.9	14.3	2 • 0	•2						100.9	5.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PEPIOD OF PECORD:

79-87

STATION NUMBER: 722665 STATION NAME: DYESS AFB IX

IDEGREES! | MIND N 1.0 3.7 4.3 4. C • 5 13.4 9.1 * NE . 1 3.5 7.2 NE . 4 . 4 4.2 1.0 2.9 F 720 . 3 4.6 . 5 1.2 ξ 1.1 4.0 • 3 FSE **,** c . 2 1.6 4 . 2 . 2 3.1 6.9 SE 1.0 1.2 . 6 • 1 1.6 5 S E . 9 1.3 1.5 5.2 7,6 s 1.7 3.9 2.5 11.2 7.8 7.8 554 2.3 2.2 2.2 2.4 • 3 SW 1 . 7 1.0 . 2 5.9 5.5 W 5 W 1.C 3.0 5.8 1.8 2.9 8.4 6.1 3.0 . t 5.2 5.3 40 1.7 2.4 • £ - 1 Note 1.0 • 5 • 1 4,4 7.0 1.9 6.5 NNW 1.3 . 6 CELH 16.5 ////// TOTALS 13.8 2.2 •1 :00.0 5 . 8 28 . 3 21.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OPSERVATIONS

Disection 1-3	STATION NUMBER	72 26 6 5	STATION	NAME:	DYESS AF	B TX				PERIOD Month:	OF RECORE		-87 []: 0600-0	08 00
Direction 1-3			•••••	•••••	• • • • • • • • •					• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
Note			4 -6	7-10	11-16					41-47	48-55	GE 56		
NNE							• • • • • • • •	••••••	• • • • • • •	• • • • • • • •	• • • • • • • •	••••••		
NE	N ₁	1.7	2 • 5	4.4	4.6	• 2							13.4	9.2
ENE	NNE	.6	• 6	1.0	• 4	• 2	•2						3.1	8.7
E	NE	. 5	. 4	1.0									2.2	5.4
ESE	E NE	.4	• 3	• 2									1.0	4.7
SE	E	.5	1.4	• 3									2.3	4.7
SSE 1.2 1.5 .6 1.1 .2 4.6 7.4 S 2.4 3.8 3.0 2.5 .4 12.0 7.6 SSN 2.2 1.2 2.6 1.4 .1 7.4 7.2 SN 1.6 .4 .9 .5 3.4 5.6 MSN 1.7 .4 .4 .7 2.4 4.8 MNN 1.9 3.2 1.2 .2 6.0 5.1 NM .2 1.7 1.2 .5 .1 .2 4.6 7.3 VARIABLE CALM 7.7 7.7 7.8 6.6 VARIABLE 7.7 7.8 6.6 VARIABLE 7.7 7.8 7.8 6.6 VARIABLE 7.7 7.8 7.8 7.8 VARIABLE 7.7 7.7 7.8 7.8 VARIABLE 7.7 7.7 7.8 VARIABLE 7.7 7.7 7.8 VARIABLE 7.7 7.7 7.8 VARIABLE 7.7 7.7 7.7 VARIABLE 7.7 VARI	E SE	.5	1 • °	• 5									2.6	5 .0
5	SE	.5	• 9	.6	• 2	• 1							2.4	7.2
2.2 1.2 2.6 1.4 .1 7.4 7.2 Sw	≤ SE	1.2	1.5	• 6	1.1	• 2							4.6	7 .4
Sh 1.6 .4 .9 .5 3.4 5.6 MSW 1.7 .4 .4 .7 2.4 4.8 4.8 4.5 4.6 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.6 7.3 4.6 7.3 4.6 7.3 4.8 6.6 6.8 6.8 6.6 6.8	s	2.4	3 • P	3 • C	2.5	. t4							12.0	7.6
MSW	5 S W	2.2	1 • 2	2.6	1 • 4	. 1							7.4	7.2
# 1.5 3.5 2.0 .6 .1 7.8 6.3 ENW 1.9 3.2 1.2 .2 6.0 5.1 NW .? 1.7 1.2 .5 .1 .? 4.6 7.3 VAN 1.2 1.9 1.0 .6 .1 4.8 6.6	Sie	1.6	. 4	• 9	• 5								3.4	5 . 6
LNW 1.4 3.2 1.2 .2 6.0 5.1 NW .9 1.7 1.2 .5 .1 .9 4.6 7.3 NOW 1.2 1.9 1.0 .5 .1	#S#	1 1.7	. 4	. 4	• ?								2.4	4.8
Na	ei .	1.5	3.5	3.0	• 6	• 1							7.8	6 • 3
VANIABLE CALP ///////////////////////////////////	k Nw	1.4	3 . 2	1.2	• 2								6.0	5 • 1
VARIABLE	NW I	.?	1 - 7	1.2	• 5	• 1	•3						4.6	7 • 3
CALP 1////////////////////////////////////	No Faite	1 • 2	1.7	1.0	• 6	• !							4.8	6.6
	VARIABLE	· · · · · · · · · · · · · · · · · · · ·		• • • • • • •	• • • • • • • •		•••••	••••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	
TOTALS 18.7 25.4 21.0 17.0 1.6 .4 100.0 5.6	CALM	 <i> </i>	1/1/////	1111111	,,,,,,,,,	1111111	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	11/1/1/1	,,,,,,,	19.9	111111
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TO TALS												100.0	5 •6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TION NUMBER:	72 26 6 5	STATICE	NAME:	DYESS AF	Віх				HONTH:	OF RECOR		-87 11: 0900-	1100
DIRECTION !	1-3	4-6	7-10	11-16	wIh 17-21	0 SPEED 22-27	•	34-40	41-47	48-55	GE 56	TOTAL	ME AN Wind
N	1.3	3.0	5.5	5.6	1.2	*****	••••••	•••••	••••••	• • • • • • •	•••••	18.0	10.0
NNE	. 6	1.1	1.6	1.3	• 3							4.6	e •5
NE I	• 3	1.0	1.1		. 1							2.5	6.7
ENE	. 6	• 5	.4	. 1								1.7	5.3
ξ	. 8	. 9	•6	.:								2.5	5.9
E SE	. 4	• 9	. 9									2.2	5 .4
SE	1.5	2.0	. 9	• 2								4.6	5 • C
S S E	1.6	1 • 1	1.3	1.0	. 3							5.5	7.4
5 [1.2	3.0	4 - 1	3.0	1.3	•5						13.1	9.9
55W	.9	1.0	1.6	2.4	. £							6.5	10.0
SN:	1 • 3	• 5	• 9	1.0								3.7	7.0
WSW	• 3	. 4	1.0	1.3								3 • 0	9.7
¥ !	. 6	1.5	1.7	1.6	. 3							5 . 8	8.9
RNA [.6	1.3	1.7	• 6								4.3	7.3
NW !	1.5	1 . 3	3.1	٠3								6.1	7.1
NNW	1 • 2	1.4	2.8	1.2	,5	•?						7.3	8.6
I Vartable		•••••	•••••							• • • • • • •		• • • • • • • • •	
i t	,,,,,,,,,,,,	,,,,,,,	,,,,,,,,,	1111111	1//////	1111111	,,,,,,,,,	,,,,,,,	,,,,,,,,	///////	,,,,,,,,,	8.7	111111
101415	14.5	20.9	29.6	20.9	4.7	• 9						100.0	7.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 79-87 MONTH: JAN HOURS(LST): 1200-1400 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIPECTION 1 11-16 34-40 48-55 TCTAL MEAN 41-47 GE 56 IDEGPEESI ! MIND 5.6 8.9 10.8 NNE . 3 1.8 2.3 1.4 1.1 6.9 7.9 . 9 1.2 . : . 2 N. . 8 3.0 7.9 ENE з. 1.3 . 1 6.5 ٤ 5.0 1.1 2.8 ESE . 4 1.0 . 6 2.0 5.4 SE . 5 1.0 • : 3.1 ٠.8 SSE . 8 1.5 • 3 4.7 . 4 10.0 2.0 S 1.3 . 2 4.9 3.7 . ? 17.3 10.º SSW • 9 3.2 2.8 • £ • 1 10.3 S١ 1.8 4.5 • 3 10.3 . : 2.2 . ? 1.0 1.4 WSW .: 5.5 10.1 1.0 1.1 1.5 1.5 . 1 9.0 • 2 9.5 3.2 NH • ? 1.5 2.7 1.4 . 1 5.9 9.5 NA 1.0 • 1 10.1 VARIABLE CALM 1.1 150.0 9.1 10 - 3

SLOBAL CLIMATCLOGY BRANCH

PERCENTAGE FREGUINCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ATP MEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 1500-1700 | Indication | 1-3 4-6 7-10 11-16 17-21 27-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN LOGGRESS | PERIOD OF RECORD: 5.6 8.5 10.8 2 . 7 1. NE 1.2 2.1 8.5 2.2 1.9 . 1 8 .6 1.2 • 5 4.2 NE . 5 1.6 6.8 • 2 .6 1.7 1.0 Ł 5.3 5.6 . 5 1 58 . 4 • 6 . 1 1.7 ٠ŧ 5.5 4. SE 1.3 2.6 1.1 . 1 4.5 8.6 4.2 . 9 • 1 5.7 . 1 13.7 5 • 3 2.4 10.3 2.5 9.9 • 6 9.1 Sh 1.9 1.5 ٠, . 9 1.7 10.7 is Sie 1.1 . 4 1.7 1.3 . 5 7.3 16 few • f 8.0 • 5 1.5 1.2 Ne • 5 A. fa m 1.3 . 4 VARIABLE CALM 5.3 /////

PERCENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECOPD: 78-87 MONTH: JAN HOURS (LST): 1900-2000 WIND SPEED IN KNOTS
DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 TOTAL ME A N IDE GREESI ı WIND 17.6 8.1 2.7 4 . 2 5.7 4.5 . 5 NNE • 3 6.2 8.1 . 9 2.6 1.0 1.6 4.3 6.8 NE . 6 1.3 1.5 • 5 E NE • 5 • 3 1.4 3.7 Ε 3.9 2.0 . 4 5.1 1.0 3.4 ESE 2.0 5.3 . 6 • 8 SE **.** 6 4.1 6.7 6 .4 SSE 1.5 6.6 2.4 1.8 . . • 2 5.9 13.1 6.5 5 3.1 1.7 . 1 2 - 3 SS¥ . : 6.1 4.0 S¥ 4.8 4 .C 2.2 2 . 3 2.0 4.8 W 2 W ۰, ۵ • 8 • 5 3.1 5.4 . 3 . 2 • 1 2.2 3.5 1.5 .: • 2 1.7 4 .5 1.0 . 4 . 1 NW NAM 6.4 VARIABLE CALM 14.7 ////// TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

IION NUMBER	: 722665	STATION	NAME:						MONTH:		HOURS (LS	-87 1): 21CO-	2300
 DIRECTION IDEGREES)	1-3	4-6	7-10	11-16	17-21	ND SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N]	1.8	3 - 5	4.4	2.8	• 5			• • • • • • •	•••••	• • • • • • •	•••••	13.3	6,6
NNE I	. 6	1 • 2	2.0	• 6	• 1							4.7	8.2
NE 1	• 6	• 6	1.8	• 2								3.5	6.6
FNE	• 2	• 6	. 4									1.3	5 .A
ε	. 6	. 6	•6									1.9	4.9
E S E	. 6	1.7	• 9									3.2	5.4
SF [1.0	1.1	1.4	. 6								4.1	6.3
SSE	1.5	1.9	2.0	2.0	• 1							7.6	7.7
s	4.5	4 • 1	4.6	2.1	• 2							16.1	6.7
SSW	3.0	2.9	2.6	1.0	• 1							9.6	5 . 6
Sw 1	2.7	1.3	. 4	• 2								4.6	4 • C
WSW	1.0	• 3	• 5	• 6								2.5	6.6
H	. 4	1 • 8	• ¢	• 3								3.4	6.3
NNH	• ?	1.3	• 4	• 1								2.2	5.7
Na	• 9	1.3	• 2	• 2								2.5	5 • 1
Now I	. 5	1.4	.8	. 3								3.0	٤.٠
VARIABLE	• • • • • • • •		•••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••	
CALM .	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1111111	///////	,,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,	16.3	,,,,,,
TOTALS	26.4	25.9	24.1	11.9	1.1	•3						100.0	5.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTIOM VERSUS WIND SPEED FROM HOUNLY OPSERVATIONS

TION NUMBER	: 722665	STATIO	NAME:	DYESS AF	'e Ix				PEPIOD Month:	OF RECOR	D: 78- HOURS(LS	-87 []: Al	L
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •					• • • • • • • •			• • • • • • • •	• • • • • • •
DIRECTION IDEGREES)	1 - 3	4 -6	7-10		17-21		28-33	34-40	-		GE 56	TCTAL	ME AN WIND
N .	1.5	3.1	5.0	5.4		.1	• • • • • • •		• • • • • • • •	• • • • • • • •		15.9	9.5
NNE I	. 9	1 • 4	1.8	1.1	• 2	• 0						5.3	8 - 1
NE	. 7	. 9	1.1	• 2	• 0							3.0	6.3
ENE	. 5	• 7	. 4	• 0	.0							1.7	5.4
i	• 9	1.0	.6	٥.								2.4	4.9
ESE	. 5	1.2	• 6	• 0								2.3	5.3
\$E	. е	1.2	1.1	. 3	•0							3.4	6.3
:SE	1 • 2	1 . 6	1.3	1.2	• 3	. 1						5.5	7.7
5	1 • 9	3 • 6	3.9	7.1	•6	•1	• 0					13.3	• .4
SSW	1 • 9	1.6	2.2	1.9	. 3	.0						7.9	7.8
5 h	1.7	1.1	1.1	. 7	• 1							4.7	6.4
wsw	. 7	• 7	1.0	. t	• 1	٠,						3.3	0• ۶
- a	1.5	i.9	1.7	• 5	. 1	.0						5.6	7.2
5 N A	. 9	1.4	. 9	. 4	• ~							3.7	£ .1
Po be	. 9	1.4	1 • 4	.6	. 1	•0						4.4	6.9
N N w	. 7	1.5	1.5	. 6	• ?							5.0	7.6
VARIABLE	• • • • • • • •		•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •
CALM .	,,,,,,,,,	,,,,,,,	,,,,,,,	///////	///////	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	12.9	,,,,,,
TOTALS	16 - 6	20.7	26.4	17 7	~ 6		,					100.0	6 - 7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

									MONTH:	FEB	HOURSILS	1): 0000-	02 00
	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	••••••	_ 7 :	ND SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIPECTION !		4 -6	7-1C	·	17-21		28-33	34-40	41-47	48-55	GE 56	TCTAL	ME A N W I N D
N I	, ç	3 • 3	4.7	3.4	.6		••••••	• • • • • • •	•••••	••••••	•••••	13.1	8.7
hne	. 4	1 • 2	1.5	• 5	• •							4.3	9.9
NE I	. 5	. 6	. 7									1.8	5.4
E IvE	• 2	• 4.	. 4									1.2	5.0
E !	. 4	• 6	• 7	•:								2.5	5.0
ESE !		. +	. 9									2.0	6.0
SF	• 2	1.5	• 9	• :								3 • 2	7.0
5.58	1 • 3	1.9	2.8	1.4	.1							7.6	7.6
5	2.2	3.5	3 • 5	4 • C	• *							13.8	8.4
S.S.W.	1 • 7	1.5	3.0	3.4	. 1							9.2	9.2
S .	1 • 9	2 • 7	2.0	1.9								8.5	7.0
45#	1 • ?	1.1	1.1	. •.								3.9	5.8
	1.5	1.4	. 9	. 2	• 2							4.4	5.9
www !	• !	1.9	.6	.:								2.7	5.7
NH	. •	1.5	. F	. 4								3.2	6.4
to treat	. 7	1 • ε	1.4	•:								4.0	6.0
VARIABLE I	• • • • • • • •		•••••	• • • • • • •				• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • •	
1	,,,,,,,,,,,	,,,,,,,	11111111	11111111	///////	1111111	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,,	14.7	111111
TOTALS	14 • 3	26.0	26.4	14.5	2.0	• !						100.0	£ .4

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: PERTUD OF RELOND: 78-87

MONTH: FEB HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN
(OF GREES) | •1 3 . C 3 . 7 . 6 13.9 8.6 . 7 . 1 NNE 1.1 1.7 • 8 4.4 7.8 ٨E . 7 • 2 1.8 7.3 ENE • 2 .6 . ? . 1 4 . 2 £ . 7 . 7 2.0 • 6 5.0 E SE . 4 1.7 4 . 3 2.8 S٢ ٠. 5 .6 1.1 • 8 SSE 7 • 2 1.9 ٠ê . 2 1 . 1 2.1 6.1 s 3.8 2.5 . 4 . 1 12.1 7.7 10.5 7.9 SSW 1.4 5.8 1.9 3.3 • 1 56 1 . 3 1 . 7 2.0 1.5 6.5 7.2 7.8 N S W .5 1.5 1.0 . 9 4.7 6.7 6.0 1.4 3.1 . 1 • 2 2.3 1.2 . 1 4.8 5.8 **WN** 1 - 1 N a ٠, . 2 3.8 5.2 NNW CALM 13.9 ////// TO TALS . 2 100.0 1.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: 78-87 MONTH: FEB HOURS (LST): 0600-0800 | #IND SPEED IN KNOTS | DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 (DEGREES) 1 WIND 3.0 A. NE . 5 . 9 . 8 ٠,5 2.6 7.1 NE • 3 . 7 1.3 5.4 . 7 1.4 1.4 ENE . 7 ٤ • 1 . 1 1.3 6.7 . 7 f SE . 7 • 5 2.4 6.4 • 6 • 6 SE . 6 . (. 1 2.1 5.4 SSE • 5 2.4 1.7 1.2 . 4 6.5 7,8 3.3 1.8 2.7 10.8 7.5 2.6 3 . C . 9 1.9 3.0 . 4 8.7 SSW 8.2 Sh 1.2 1.3 1.3 • 5 4.3 6.1 . 3 . 9 7.0 1.2 1.4 2.0 2.2 2.2 1.4 7.9 6.6 ... 1 . 4 1.8 1.2 • 6 5.0 6.0 • 5 1 . 3 . 7 6.7 NNW 1.1 1.8 VARIABLE CAL" 17.7 ////// 100.0 5.9

GLOBAL CLIMATOLOGY BRANCH LSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 0900-1100 DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN IDEGREES! 1 1 HINDN 9.4 1.5 3 . 9 5.7 6.7 • 0 18.8 NAE . 5 1.3 3.7 7.5 1 • 1 NE 2.8 . 6 1.5 • 6 . 1 5.3 . 5 1.1 ENE • 1 • 5 5.1 E . 8 . 4 . 9 . 2 2.4 6 . 1 ESE . 9 . A 2.2 5.4 ٩.5 SE • 2 • 8 . 9 • 1 . 1 2.6 SSE • : 1.9 • 6 . 2 5.1 10.5 • 9 5 1.8 1.9 12.4 10.0 55. 3.4 10.8 • 5 1.3 2.6 . 8 . 1 8.7 SW ٠, 1.5 • 2 5.3 9.0 KSW 3.1 9.0 . 7 . 2 9.9 1.7 . 7 1.4 6.1 1.4 WAR ٠, 1.8 1.3 • 5 . 1 6.3 P + 3 NW . 4 5.8 9.2 6.9 NAm . 1 CELM 7.2 ////// TOTALS 29.6 24.0 6.6 . 9 100.0 8.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OPSERVATIONS

PERIOD OF RECORD: 78-87
HONTH: FEJ HOURS(LSTI: 1200-1400 STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

•••••		•••••	••••••	•••••		.0 SPEED	IN KNOTS		• • • • • • •	• • • • • • •	• • • • • • • •	•••••	•••••
DIFECTION IDEGREES!		4 -6	7-1C	11-16	17-21	22-27	2P+33	34-46	41-47	46-55	GE 56	TCTAL \$	ME A N W I N D
	• • • • • • • • • • • • • • • • • • • •	••••••	••••••	•••••	•••••		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •		••••••	
8	1 .5	4 • 3	5.8	8 • 2	1.1	•5						20.7	10.3
MNE	.6	2 • 4	1.1	1.4	. 4	- 1						5.9	ē •7
NE	.5	1.2	1.2	• 2								3 • 1	6.4
ENE	1.1		• 7									1.5	4.7
Ł	.7	1.4	1.4	• 1								3.7	5.8
FSE	j .5	• 9	• 7									2.1	5.6
SE	.5	• 8	. 8	• 2	• 1							2.5	7.0
5 SE		• 7	1.4	1 • 2	. 4	.4						4.6	10 -2
\$. e	2 • 5	2.8	5.6	. 8	• 5						13.0	10.8
SSW	! .4	• 6	3.8	3 • 8	• •	• 1						9.5	11.2
S &	!	• 9	1.9	2.1	• 2	• 1						5.9	9.8
N S W	. 2	• 7	1.5	1.1	• 5							4.0	10.6
w	1.1	1 • 3	٠.۴	1.7	• 5	• 1						5.6	9.6
No No No	! .5	1 • 1	.6	. 7	• 5	• 5						3.8	10.8
NM	. 6	• 8	1.4	• 7	• 2							3.8	6.6
NNM	.5	1 • 3	2.5	2 • 5	. 4							7 • 1	10.0
WALE	· • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •	••••••	••••••	••••••
CFLM	,,,,,,,,,	1111111	,,,,,,,	///////	,,,,,,,	1111111	,,,,,,,,	///////	11111111	///////	,,,,,,,	3.1	111111
TOTALS	9.9	20.9	28.5	29.4	5 • 9	2.2						100.0	9.3
**********												• • • • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

78-87 PEPIOD OF PECORD: 22-27 28-33 34-40 MEAN IDEGREEST | 1 AIND 10.4 NNE . 2 2.1 1.5 2.4 • 7 7.3 9.6 NE . 9 • 5 • 8 . 4 3.0 6.2 ENE . 9 • 1 3.1 6.9 £ 3.0 . 6 1.2 1.2 6.0 F SE • 7 2.4 4.9 . € 1.1 SE 2.0 1.3 • 5 • 1 4.7 6.9 SSE 2 • 2 • 7 6.4 2.6 . 1 • 7 11.1 .2 S 1.0 5.8 5.0 • 6 13.7 10.5 5 S ¥ 3.5 3.7 • 1 8 . 3 10.3 1.1 • 2 9.2 • 8 • 1 1.3 . 4 3.5 . 9 WSH . 1 • 7 11.2 . 7 1 . 4 2.8 2.1 . 5 7.6 9.5 WNW • : . 4 9.6 1.5 . 2 3.9 9.5 W . 6 . 6 LNU 2.0 1.2 VARIABLE CALM 3.3 ////// 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX

STATION NUMBE	R: 722665	STATION	NAME:	DYESS AF					PERIOD MONTH:	OF RECOR FEB		-87 TI: 1800-	20 00
DIPECTION (DEGREES)		4 -6	7-1C	11-16	₩I 17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL 2	ME A N WIND
N	2.7	3.7	5.2	3.7	.5		••••••	• • • • • • • •	• • • • • • • •	••••••	•••••	15.7	e •1
NNE	.5	2.0	1.9	1.4	• 6	•1						6.5	9 • 2
NE.	1.5	1 • 2	2.4	. 4	• 1							5.6	6.6
E NE	. 6	1.4	1.5	• 1								3.7	6.1
Ł	1.9	1 • 4	• 9									4.3	4.4
ESE		• 7	. 9	• 2								1.7	7.1
S£.	. 9	• 7	1.5	. 5	• 2							4.1	7.7
SSE	1.1	3.0	2.2	1.1	.1	•1						7.6	7.3
s	3.5	5 • 3	4 • C	2.0	• 1							15.0	6 .4
5 SW	l 2.8	2.2	1.4	1.2								7.7	5.7
SW	1.2	2 • 2	• 1									3.5	4.0
WSW	.4	• P.	2	• 1								1.5	5.4
u	. 7	• 6	1.2	• 5	• 1							3.3	7.4
E NH	. 4	. 4	.4	. 6		• 1						1.8	9.0
NW	. 6	• 5	1-1	1.1	. 1							3.3	8.8
NNW	. 6	1.2	. 7	1 • 4								4.1	7.9
**************************************	•••••	•••••		• • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	•••••	• • • • • • •		
VARIABLE Calm		,,,,,,,,		,,,,,,,,	,,,,,,,,				,,,,,,,			10.4	
TOTALS	1						,,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,,		
TOTALS	19.9	27.5	25.5	14.2	1.9	•4						100.0	6 • 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX

PERIOD OF RECORD: MONTH: FEB HOURS(LST): 2100-2300 WINU SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (DEGREES) | WIND N 2.2 1.1 3.1 2 . 6 • 1 9.0 TINE . 9 . 5 • 2 1.3 1.4 2.4 6.7 9.5 NE • 6 1.9 2.0 • 2 4.7 6.7 ENE • 2 .6 2.1 5.3 . 9 Ε 2.4 . 4 . 1 3.8 5.1 ESE . Ó • 6 . 5 . 2 1.9 5.8 SE . 6 1.1 • 7 2.8 9.0 SSE 1.5 2.2 1.8 2.1 8.3 8.5 • 6 3.9 3.4 .? S 3.9 4.5 ٠, 17.1 8 . 2 SSW 1.9 1.1 9.0 SW . 8 7 • 1 3.9 5.0 . : MSW . 7 1.2 . 1 . 4 2.6 5.9 . 7 1.9 . 1 . 3 6.1 . 1 . 4 . 1 1.4 7.0 • 8 NW • 5 1.2 1.1 1 . 2 3.9 7.3 NAM VARIABLE CALM 3.2 100.0 6.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED From Hourly Observations

STATION NUMBER: 727665 STATION NAME: DYESS AFR TX

STATION NUMBER	R: 722665	STATION	NAME:	DYESS AF	B IX				DOIR39:	OF RECOP	D: 78- HOURS(LS1		-
•••••	• • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • • • •		IND SPEED			• • • • • • • • •	• • • • • • •	• • • • • • •	•••••	
DIRECTION (DEGREES)	I	4 -6	7-10		17-21	22-27	28-33	34-40			GE 56	TCTAL	ME AN WIND
	1.4	3.6	5.1	4.5			• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	15.5	9 • 2
	1												
NNE	.5	1.5	1.5	1.3	• 3	•1						5.2	8.8
NE	i .7	1.0	1.1	• 2	• 0							3.0	6.3
FNE	.6	• 6	.6	• 1	• 0	:						1.9	5.5
£	. 9 I	1.1	• 8	• 1								2.9	5.4
FSE	.6	• 7	•6	• 1								2.0	5.7
3.5	.6	1.0	1.0	. 4	• 1							3.1	7.1
SSE	.9	1.7	2 • 1	1.4	. 4	•1						6.5	9.6
2	2.3	3 • 0	3.6	3. 7	7	.2						13.5	я.7
SSW	1.3	1.9	2.6	2.7	• 7							8.9	8.7
Sw	1.5	1 • 6	1 • 4	1 - 1	• 1							5.2	7.3
WSW	i .e	1.0	1.0	• 7	• 1	٠,٠						3.5	e • 1
w	1 • 1	1 . 7	1.5	1.0	• !							5.6	7.8
to hills	.6	1.3	3.	• 5	• 3	•1						3.5	7.6
NW	. · · · · · · · · · · · · · · · · · · ·	1.5	1.2	• 5	• 1							4.0	7.7
± KV	. a	1.4	1.7	1.1	• 1							5.0	0.8
VARIABLE	• • • • • • • • • • • • • • • • • • •		•••••	• • • • • • • • •		•••••	• • • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••
		,,,,,,,,	1111111	,,,,,,,,,	1111111		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111111	,,,,,,,,	,,,,,,,,	,,,,,,,,	10.6	111111
	I												• • • • • • • • • • • • • • • • • • • •
TOTALS	14.6 		26.7									100.0	7 • 3
	• • • • • • • • •						• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •		

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMPER	72 26 6 5	STATION	NAME:	DYESS AF					MCNTH:		HOURS (LS	-87 11: 0000-	02 00
DIPECTION (DEGREES)		4 -6	7-10		#I 17-21	ND SPEED 22-27		34-4C	41-47	48-55	GE 56	TCTAL	ME AN WIND
h	5	1.7	1.3	1.4	.8		••••••	• • • • • •	• • • • • • • •	••••••	•••••	6.8	10.7
NE	. 3	1.3	1.7	. 9								4.2	8.0
NE	• 3	• 5	.6	. 1								1.6	€.1
ENE	, 8	• 8	•2									1.7	4.4
Ĺ	. 4	1.1	.4									1.9	5.2
E SE	. 5	1.1	3.									2.7	5.2
SE	1.2	. e	. 8	• B	• 1							3.5	7.2
5 S E	1 • 3	3.9	3 • 1	7.8	1.3							13.3	۶.3
s	2,4	2 • €	4.4	c.2	1.6							17.8	5.7
s s w	1.7	2.3	1 • 8	2.4	• 0							9.0	F.6
2 🖬	1.5	1.7	1.0	1.1	.:							5.5	7.1
พรพ	• 6	1.9	1.3	• €								4.5	6.9
н	1 • 2	2.0	1.3	1.1								5.6	6.7
u Nu	. 6	1.0	. 6	. 4								2 . 8	€ • ₽
tim	 -	1 • 1	.6	• #								3.2	7.7
f. N.W.	• ¢	. 4	. 8	1.5	. 0							4.2	÷ . 9
VARIABLE !	*		•••••	• • • • • • • •	•••••	•••••	••••••	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	
CALM 1	/////////	,,,,,,,	,,,,,,,	,,,,,,,	1111111	///////	,,,,,,,,,	,,,,,,	11121111	,,,,,,,,	,,,,,,,	11-	111111
TOTALS !	15.8	24 - 5	25.9	21.5	5.7	.5						100.0	7.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MCNTH: MAR HOURS(LST): 0300-0500 STATION NUMBER: 722665 STATION NAME: DYESS AFT TX

									HOW IN		HOURSIES	043123177 0500-0500		
DIRECTION ODEUREFS)	1-3	4-6	7-10	11-16	#IN 17-21	D SPEED 22-27	IN KNOTS 28-33	34-4G	41-47	48_55	GE 56	TCTAL	MEAN Wind	
	. · · · · · · ·	2 - 3	2.4	3.2	. 4	•5	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	9.6	10.1	
NNE	• 3	1.1	1.0	• 5								3.1	7.8	
NE	• 3	1.2	• 5	• 2								2.3	6.5	
ENE	• :	• 2										. 4	3.3	
E !	. 9	• 5	• 8									2.2	5.1	
r se	• 1	٠ ٤	٠.۶									1.4	6.2	
SE .	. 6	• F	1.7	. 2								3.3	6.6	
* Sf	2.6	1.7	1.7	7.9	. 4	• 2						9.6	9 • 3	
s [2.0	4.4	4 , 4	(.5	1.6	•5						19.8	8.9	
55w	1 • 7	2.4	2.7	2.2	. 3	• 2						9.0	8.5	
S.	1 • 1	• 9	• 9	1.9	• 2							3.9	7.7	
W.S.#		, 4	1 • 3	1.7								4.1	9 • 3	
	1.5	2.3	2.4	• 3	• 2							6.7	7.3	
h Nie	. •	1.5	1.5		• ?							4.1	7.1	
P. No	• 4	1.0	. 8	. :								3.5	5.3	
NAM 1	. •	9	1.2	1.3								4.8	6.9	
VARIABLE [• • • • • • •	•••••	• • • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••		•••••	
CELM /	,,,,,,,,,	1111111	11111111	,,,,,,,	///////	,,,,,,,	/////////	//////	,,,,,,,	,,,,,,,	,,,,,,,	12.3	111111	
TOTALS	14.6	24 • 2	23.7	20.4	3.5	1.5						100.0	7.3	

GLOBAL CLIMATCLOGY BRANCH LSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX PERIOD OF RECORD: 78-87 MONTH: MAR HOURS(LST): 0600-0800 34-40 41-47 48-55 GE 56 TOTAL MEAN (DEGREES) 1 t WIND N 1 9.2 • 3 11.5 3.0 6.9 NNE . 9 1.1 NE . 3 . 5 • 3 1.5 7.3 • 3 . 9 8.4 FNE • 1 • 2 . 3 . 2 ٠, . 5 2.3 5.1 . 4 . 5 1.2 . 1 . 1 7.1 FSE 3.2 7.9 SΕ 1 . 4 • 6 . 4 SSE . 7 6.8 8.0 4 . E 18.3 3.9 2.2 10.1 S 2 . . 4.6 9.5 9.0 S 5 W 1.5 2.3 2.7 3.2 . 2 .1 7.7 • 8 9. 1.2 • 2 4.3 k S W . 0 1.7 • ? 4.6 7.7 . 8 1.1 7.8 1.7 . 9 8.4 3.4 1.9 . 4 3.8 7.1 1.0 . 3 2.7 6.3 N¥ . 6 . 0 9.5 NNW 2.0 1.7 VARIABLE CALM 11.1 ///// TOTALS 21.0 4.2 1.1 100.0 7.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: MONTH: MAR HOURS(LST): 0900-1100 I WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION ! 7-10 11-16 ME A N IDEGREESI 1 1 WIND 1.9 • 2 10.5 NNE 1.0 2.0 • 2 5.2 9.2 NE. 1.9 . 4 7.4 .6 ENE . 3 . 4 . 4 . 2 1.4 5.7 £ . 8 2.5 5.5 • 6 FSE . 4 1.0 1.1 2.7 7.2 • 2 SE . 9 1.1 1.8 1.1 4.7 7.8 SSE • 8 . 1 6.5 11.0 • 3 S . 6 1.4 4.8 9.6 2.4 . 3 18.2 12.2 7.9 1.3 9.2 55% 1.1 2.6 . 2 12.1 . ? . 3 3.5 11.6 ٠. 1 . C 1 • 1 • 3 4.1 9.1 1.1 . 6 ٠. 1.2 3.0 . 1 . 9 . 4 7.0 13.1 K N w 1.5 1.3 4.0 • 1 11.6 NW 1.2 1.1 • ? 3.7 9.4 • 6 2.8 LINE . 5 1.0 2.0 • 6 7.0 10.4 VERTABLE CALM 3.8 ///// 100.0

GLOGAL CLIMATOLOGY BRANCH LSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

AIR WEATHER SERVICE/MAC

PER100 OF RECORD: 78-87 STATION NUMBER: 722665 STATION NAME: DYESS AFR TX #IND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (DEGREES) | 1.4 €.6 11.1 2.3 NINE . 6 1.4 1.8 1.3 5.2 8.0 t.E ٠, 1.1 1.3 . 8 4.0 6.8 . 2 • 5 • 2 1.3 E . 1 E ME • 3 . • • 2 2.5 E • 8 1.0 6.3 ESE • 1 1.0 • 6 . 4 2.2 7.5 1.0 1.9 . 9 . 1 P .8 SE . 1 2.5 . 4 1.1 9.9 SSE 1.5 4.3 11.0 5 . 4 1.6 4.0 ° • 1 2.3 16.9 12.2 2.0 55 1.1 12.3 . 2 3.7 10.9 Sw . 4 1.2 1.0 • 7 454 . 2 1.3 2.0 . 1 . 1 4.3 12.1 • 2 . 4 2.0 3 - 1 1.0 14.9 to falls . 4 . 4 1.7 . . . 4 • ? 4.1 11.0 NE • 5 1.8 1.4 . 1 4.5 9 • € 11.0 NNW . 3 1.8 VARIABLE CALM 1.6 ////// 100.0 10.8 TOTALS 30.C 36.6 8 • C 2.7 • 5 • :

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF PECORD:

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

MONTH: MAR HOURS(LST): 1500-1700 WIND SPEED IN KNOTS 7-21 22-27 28+33 34-40 DIRECTION | 7-10 17-21 4E-55 GE 56 41-47 TOTAL MEAN COE GREEST | WIND 2.9 11.3 N N.E . 6 1.7 1.7 • 5 • 3 4.5 7 .8 1.9 NE . 6 . 3 . 6 3.5 7.7 ENE 1.0 . 9 . 4 • 1 3.1 7.0 Ł • 1 5.8 1.1 . 9 1.0 FSE . 4 • 5 2.8 7.0 2.2 SE 1.1 2.0 • : 5.7 9.7 5.58 1.2 4.4 1.4 10.1 11.7 2.€ . 1 5 4.4 1.5 15.3 1.2 6.6 .6 12.1 1.7 1.2 7.6 5 S w 1.5 1.9 10.9 5. • 3 10.2 . 4 . 4 1.4 ٠. ¥ 5 ¥ 4.7 11.2 3 **.** 1 1.7 . ! 2.9 ٠4 8.8 13.7 . 1 . 6 N Na 1.0 1.1 . 4 • 2 10.9 Ne . 7 1.0 10.4 Nitra 2.3 1.6 . 1 10.8 . 5 CALM 1.5 ////// TOTALS 29.5 36.1 2.3 . 3 100.0 10.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX

MONTH: MAR HOURS (LST): 1800-2000 #IND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN IDEGREEST | 1 WIND 11.1 10.0 . 6 NNE . 7 2.0 1.4 1.4 7.6 3.7 5.7 . 9 1.3 P4E 1.3 . 2 FNE . 9 1.1 . : 1.A 5.3 1.3 Ł 1.3 2.7 • 1 2.3 1. . . 5.3 6.4 ESE 1.5 ٠, 51 1.0 1.8 7.1 ٠, 7.5 10.0 3.5 1.3 1.5 9.6 556 1.0 3.5 3 • 5 7.5 P .9 ς 2.4 4.6 . 1 7.1 5 N 1 . * 5.5 . 6 P.0 • 0 • . . 4 . 9 14 S 14 . , 3.0 10.9 . • 6 1.4 . 6 8.7 . 9 • 5 ۰, . 1 11.0 AW . 1 ٠. . 1 NNN .9 1.1 . 1 VARIABLE CALM 6.5 ////// 100.0

PERCENTAGE FRECUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300 STATION NUMBER: 722665 STATION NAME: DYESS AFE TX

		• • • • • •	•••••	• • • • • • • •		ND SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION IDEGREESE		4 -6	7-1C	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME A N WIND
	• • • • • • • • • •	• • • • • • •	• • • • • • • •			• • • • • • • •				• • • • • • • •			
N	. 5	1 • 3	1.7	2.5	. 3							6.7	9.3
NNE	1.0	1.4	1.1	. 4	• 2							4 - 1	6.9
NE	.5	1.6	1.2	• 5								3.9	6.7
E NE	1.1	1.0	1 • 2	• 1								3 . 3	5.4
£	1.2	1.2	• 1									2.5	3.6
FSE	1 1.1	1 • 9	1.5	• 1								4.5	5.5
SE	1 .5	2.3	1.1	1.5	•3							5.9	7.9
SSF	1 1.4	2 • 6	3.0	4.1	1.2	- 1						12.4	9.9
S	1 2.8	3 • 1	4 • 1	5.2	2.2	-1						17.4	9.8
SSW	2.5	2 • 4	2.3	1.3	• 1							8.5	6.3
Sw	2 • 2	1.8	•5	• 2								4.7	4 .4
WSW	.9	1 • 1	• 8	• 4	• 1							3 • 1	6.7
	l 1•1	1.0	1.0	• 3								3.3	5.9
ษณะ	1 .6	• 6	• 2	• 6	• 2							2.4	7.8
Na	l	• 5	• 2	1.0	• 1	•1						2.2	10.4
Pr NW	i .6	. 9	• 5	1.1	• 4	•1						3.7	9.7
VARIABLE	• • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	
	11/////////////////////////////////////	,,,,,,,	,,,,,,,	////////	//////	,,,,,,,,	,,,,,,,,	//////	///////	(//////	,,,,,,,	11.5	/////
10 1465	! 18.7 	24 • 5	20.4	19.4	5.1	.4						100.0	7.0
	• • • • • • • •												

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF PECORD: 78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

									MONTH:	MAR	HOURSILS	T1: ALI	Ļ
************	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	•••••	•••••		D SPEED	IN KNOTS	• • • • • •		• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	46-55	GE 56	TOTAL	ME A N
N		2.0	3.2	4.0	.7	.3	••••••	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	11.0	10.4
N	1	2 • 0	3.2	4.5	• (• .						11.0	1 G • 4
NNE	1 .6	1.3	1.5	• 5	-1							4.4	7 .8
NE	.4	••	1.0	• 4								2 • 8	6.8
E I+E	.5	• 7	• 6	• 2	• 5							2.0	6.0
£	.9	1 • 1	• 8	• 1								2.8	5 • 3
ESE	.5	1 • 2	1.6	• 3	• 5							3.0	6.4
SΕ	.6	1.2	1.5	1.3	• 1							4.7	8.5
SSE	1.0	2 • 1	2.6	3.2	1.0	• 1						10.1	9.9
s	1.9	2 • 7	4.4	6.1	1.9	• 4	• C					17.4	10.6
2 S w	. 9	i•9	2 • 2	2 • 6	. 6	•1						8 • 3	9.4
Sh	1.0	1.0	• 9	1.1	• 2	•0						4 • 1	8 • 0
WSW	.6	• •	1.2	1.1	• 2	-1	• 3					4.0	9.0
in.	.7	1 . 3	1.7	1.€	. 4	• 3	• 1	• 3	2			6.4	10.5
w t-w	.5	• â	1.1	. 7	• ?	• 1						3.4	9.0
Na	.5	٠٠	• 9	• t	• 1	• 3	• 5					3.2	6.5
NNW	.6	1.0	1.4	1.6	. 3	-1						4.9	9.6
VARIABLE	• • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • •		•••••		• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	•••••	•••••
	 <i> </i>		,,,,,,,	,,,,,,,,			,,,,,,,,,	,,,,,,,		,,,,,,,,	,,,,,,,,	7.5	111111
CHLIN	l	.,,,,,,		,,,,,,,,		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,		,,,,,,,,			1 • 2	******
TO TALS	12.0	20.9	25.9	26.2	5 • 9	1.5	• 2	• 0	נ			100.0	8 •6
	• • • • • • • • • • •												

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFS TX

PERIOD OF RECORD: 78-87 MONTH: APR HOURS (LST): 0000-0200 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIPECTION 1 - 3 7-10 11-16 22-27 28-33 34-40 4-6 41-47 48-55 GE 56 TOTAL MEAN IDE GREES! WIND ı 9.1 ٨ 1.6 1.9 • 3 5 . B 1 . 6 . 2 NNE 1.2 • 2 . 1 • 8 3.0 11.7 . 7 ΝE . 4 . 4 1.2 2.8 7.2 ENE . 2 • 7 1.C • 2 2.1 6.9 Ε • 3 . 6 . 8 . 1 1.8 5.8 ESE . 9 . 9 1.4 . 4 3.6 6.8 SF . 8 . 8 1.7 4.3 e .4 1.1 S SE 1.9 3.2 5.7 ٠ ٦ . 4 9.9 2 . 4 14.4 - 4 5 7.0 7.1 €.1 2.1 23.8 9.6 SSW 2.0 2.9 . ٤ 9.0 8 . 2 2 . 3 5 W . 3 . 1 2.8 5.8 1.2 • 6 . 6 . 2 k S H . ٤ . 9 . 7 2.3 6.0 ٠ ٩ 2.2 . 4 • 3 3.8 5.4 . 4 . 9 • 7 . 1 2.1 N N W 6.0 . ? .: 7.9 Ne . 4 . 3 . 1 2.0 NAM • 3 . 6 VARIABLE CALM 14.2 ////// TOTALS 100.0 20.8 22.3 1.1 7.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PEPIOD OF PECORD: MONTH: APR HOURS (LST): 0300-0500 22-27 28-33 34-40 48-55 GE 56 TCTAL HEAN IDEGREES! | 3 WIND 8.9 NNE • 2 1.1 • 7 3.6 10.5 • 7 2.3 7.4 NE. . 1 • 1 1.1 . 8 . 2 . 7 1 - 4 4.8 FINE . 4 . 3 Ł 2.0 5.9 • 2 2.2 5.3 E SE 1.0 . 1 . 5 • 6 . 9 , , 3.0 SE . 6 . (. : 7.1 5 \$ F 1.6 7 . 2 • 6 11.2 8.7 2 • 6 9.7 s 2.9 5.3 A. I 1.4 24.4 6.4 2.3 9.1 0.3 SSW 2.3 1.7 2.3 . 4 5 1.7 4.4 5.7 2.3 • 9 . 1 5.1 4 5 W • 8 . 6 . . • 2 5.1 7.0 1 • 2 1.4 2.0 N N S . 1 . 1 3.7 5.7 . 9 2.0 5.6 NW . 4 . 7 7.0 . 9 1.0 I. NU 1.4 . 8 VARIABLE 14.3 ///// CALM TOTALS 100.0 6.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

							• • • • • • • •		MONTH:			11: 0600-	•••••
 PECTION GPEFS1	1+3	4 -6	7-10		17-21		IN KNOTS 28+33	34-40	41-47	48,-55	GE 56	TCTAL 3	MEAN
N j	1.0	1.2	2.9	1.5		• • • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • • •		6.9	8.3
NNE	• :	• 7	. 9	1.2								3.2	10.0
NE I	• 2	• •	.6	. 6								2.0	d • 1
FNE	• 3	• 6	. 4	• 2								1.6	6.3
E]	٩.	1.3	• 6	. 1								2.8	5 • 1
ESF	• 3	1 • 4	•6	• 1								2.4	5.9
SE	. 7	1.4	1.2	• 3				,				3.7	6.5
SSE	1.7	1 • 6	4.6	2.3	. 3							10.4	ε.5
2	2.1	4 • 6	6.4	5 • 7	1.3	• 1						29.2	ç , 4
ssh	1.0	2.0	3.2	1.2	. 4							9.9	9 • 2
5 in 1	1 • 2	. 9	1.0	1.8								4.9	7.8
#2#	. 6	• 9	1.2	• 3								3.0	6.7
w !	• 6	6	1.8	- 1	. 1	• 4						5.9	7.2
in few	. 6	2 • 1	2.0	• 5								5.2	6.9
100	• 2	1.0	1.3	• •								3 • 3	٤٠٤
1 1:1644 1 1:1644 1:1645 1:1655	• 4	• 9	1.6	1.3	• :							4.2	9 - 1
ARIABLE	•		•••••	• • • • • • •			••••••	• • • • • •	• • • • • • •	• • • • • • •	••••••	•••••	•••••
aL# !	,,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	1111111	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	10.3	//////
CTALS 1	12 • 2	23.7	30.2	20.4	2.6	•6						100.0	7.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

MONTH: APR HOURS (LST): 0900-1100 #INC SPEED IN MNOTS DIPECTION ! 11-16 4 -6 7-10 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN IDEG9EEST | WIND * 1.C .6 f. 1.3 4.1 4.7 1.0 12.1 11.4 NNE • 2 . 1 1.6 2.3 . 4 4.7 11.7 1.0 2.7 ٨F • 3 . 9 • 6 8.5 7.3 . 4 • 3 1.7 ENE • 3 • 6 Ε 1.2 • 8 • 2 2.7 1.0 . 4 . 1 f SE 1.1 3.0 7.6 . 2 1.4 8.9 1.€ 4.3 J٤ . 6 • 8 SSF . 5 3.0 2.3 7.0 10.0 5 1.5 5.6 10.0 1.6 . 3 19.8 11.8 55. . 4 3.6 5.2 1.3 11.0 12.0 9.4 1.9 2. 3 5.4 • ! . 7 1.3 1.9 9.7 H SH • 7 . 1 . 1 1.~ 1.5 . 7 2.1 . 6 5.7 • 3 11.1 N NW • 3 1.0 1.-• 1 4.0 10.9 1.0 . 7 • ? ۹.5 ٨. . 8 1.9 1.9 . . . 2 9.9 NAME . 9 . 9 . 1 WARIABLE 2.0 ///// CALM TOTALS 100.0 10.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

IRECTION DEGREESI	1 -3	4 -6	7-10		17-21	22-27	IN KNOTS 28-33	34-40			GE 56	TOTAL	ME A N WIND
<i>N</i>	1.2	1.4	3.8	5.9	. 3	.2	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	13.3	10.9
NNE .	• 3	. 4	1.4	1.8	• 1	• 3						4.4	11.1
NE E	• 2	. 4	.6	1.1	• 1							2.4	10.0
ENE	. 4	٠, ٥	.7	1.1								3.1	8 • 1
£	• 3	1.1	1.1	. 3	• 1							3.0	7.5
T SE	. 4	1.0	1 • 4	• 3	. 1							3.3	7.2
SE	• ó	1.2	1.6	1.0	. 4							4.9	8.8
5.5E	• 2	1.0	3.4	3+1	. 6	• 1						8.4	10.9
١	. 7	1 • 2	5.3	9.0	2.6							19.8	11.9
556		1.0	3.3	3.1	. 4							7.9	10.8
S	• 2	1 • 2	2.2	1.4	• 2		• 1					5.4	4.5
P28	2	. 9	1.2	1.5		• 1	• 2					4.4	10.5
4	• 3	. 4	1.7	1.9	1.3	•2	• 1					6.0	12.7
n tra	. 4	. 6	1.3	2.2	• 3							5.1	10.5
NW	• 3	1.3	1.1	1.0	• 3	• 1						4.2	9.5
NNU I		1.0	8•	2.0	•1	•1	• 1					4.1	1:.1
# BLEATR	••••••	•••••	•••••	•••••	•••••			• • • • • •		• • • • • • •	••••••	• • • • • • • • •	•••••
4 LM /	11111111	,,,,,,,	11111111	,,,,,,,	1111111	///////	,,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1.1	111111

PERCENTAGE FREGUENCY OF OCCUPRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM HOWLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYES AFR TX

PERIOD OF RECORD: MONTH: APR HOURS (LST): 1500-1700 IDEGPEEST ! MINU 14 1.7 2.3 4.4 C . 7 11.1 A. NE 1.9 2.0 . ! • : • 7 ٠.٥ 10.6 10.5 NŁ. ٠, 1.2 1.3 • ? 1.4 ENE 1.1 2.9 • 1 7.6 1.0 ٤ 2.1 4. 3 . . • : ٠, £ SE . : • 6 1.2 2.3 ٠.6 SE 1.5 •: • ! 4, 7 9.2 . 6 SSF 12.1 1.7 10.0 • 3 : . 7 4.2 4.9 ٥.، 5 £ . 2 7. E 1.0 17.9 11.4 1.5% . 6 1.0 6.1 9.9 9.7 S . • 1 1.4 1.1 . . 4 .: ٠. ٠ 1. 1 1.4 . . N 5 -. . ٠. . 10.0 ٠., 13.5 . 7 1. 7 . 1 . . 1.2 12.2 1. 1.3 •: N H . : 1.4 . 4 4.7 10.0 1.14 : • • PARTARET 6260 in a summer in the summer in t **1 ///// 5 . . :25.0

TOTAL NUMBER OF GASERVATIONS : 3_- TEOBAL CLIMATOLOGY REANCH ISAFETAC AIR WEATHER SERVICE/MAC

PLUCENTAGE FULGUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY ORSERVATIONS

							• • • • • • • •		**************************************			T): 1800-	
INTEGRETAL I	; -5	4 - 6	7-41.		47-21	27-27	IN KNOTS		41-47	48-55	GE 56	TCTAL	ME AN WIND
i. 1	1.	1	'.6	'.,	. '	•••••	• • • • • • • • •	•••••	• • • • • • • •	••••••	•••••	10.9	9.1
NNF	. 6	1.2	2.0	2.5	. 4							6.6	9.9
***	. •	. 5	2.7	1. '								5.0	7.8
+ 146 - 1		1.	1.7	.:								3 . 6	6.0
t 1	:•:		1.6	• ?								5.7	5.9
	. •	2.1		1.5	• ;							5.4	e.n
		2.4	2.4			•:						A.2	9.3
4.51				1.2	:• '	•:						15.6	10.6
1	٠	**!	٠.٠	••	1.	• 1						13.7	4.7
	: •	1.4	. •		.:							5.0	6 • 2
• 1	. '		. •		•:							3+2	6.5
	•	.,	• *									2.1	٠,6
•						•:	. 1					2.9	9.5
Name of the			•									1.9	9.4
•		. •										1.7	9.8
G			. 4									1.4	7.2
y& af \$H(1)	*		•••••			• • • • • • •		• • • • • • •			•••••	•••••	•••••
£ 1 = 1			,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	11/1/11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,,	4.9	111111
TOTAL T	17.4	79.4	16.0			. •	. 1					100.5	• • 2

THEY SUMMER A FOR HIS WATER WATER THOSE

GLCBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

STATION NUMBER	F: 722665	STATION	NAME:	DYESS AF	в тк				PERIOD MONTH:	OF PECOR		-87 11: 2100-	23.00
	• • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • •		CBB92 ONI			• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••
OIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40				TOTAL	WEAN MEAN
ty	.7	1.2	1.2		•••••	1 .1	••••••	• • • • • • •	******	••••••	• • • • • • •	5.0	9.3
NNE	.2	• 6	1.0	1.6	•	2 •3						4.0	10.8
Ą£	1.3	1 - 1	2.3	• 7	•	1						5 • 6	7.2
E NE	[.7 	1.7	• 4	. 3								2 • 7	5.8
τ	1.4	1+3	1.4	1.2								5 • 4	6.9
£ 2£) .4 1	1.5	1.6	• 6								4 . 3	€.9
58	1 1	2.2	2.0	1.6	•	: .1						7.0	7.9
. Si	1 - 2	2.6	4.3	7.2	1.	: .1						16.8	70.€
-	1 3.50 1	3.2	4.6	4,7	1 •	1 .1						17.6	€.5
5 5 a	1 3.4 [2.1	1.2	1.2	•	:						8.2	5.8
S. m.	1 !	1.7	•?	. 4								2.7	5 •9
• 5 e	1 .:	1.7	• 4	• 2								2.1	£ • 1
•	1 .7	1	. 4									2 • 3	5 • 1
# 'v#		• 4	. 7									1.3	6.7
N.W.	1 • 6 1	• •	•1	• 1								1.4	4.5
* ***	1 . u 1	. 4	• 4	• 1	•	i						2.3	7.3
*WFITTO !	• • • • • • • • • • • • • • • • • • •		•••••	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • • •	• • • • • • •	••••••	• • • • • • •	•••••		•••••
C 2 C 22	. , , , , , , , , , , , , , , , , , , ,	1111111	1111111	,,,,,,,,	11/1/1	////////	///////////////////////////////////////	//////	///////	,,,,,,,	///////	11.6	111111
	1,	2. •	24	11.0	5.	• •						100.0	7.1
				 .			• • • • • • • • • • • • • • • • • • • •						

STATE NUMBER OF COME PATIONS IN SECU.

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

TATION NUMBER									HONTH:		HOURS (LS		L
DIPECTION DEGREEST	1 -3	4-6	7-10		1 🐷		IN KNOTS		41-47			TOTAL	ME AN WIND
ra	, 7		2.7	3.1	•••••		•••••	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	8.5	10.1
NNE	. ?	• 6	1.3	1.7	. 3	•1						4.3	10.7
NE :	. 5	• 8	1.2	. 9	-1							3.3	6.3
ENE !	• 5	• 8	• 7	. 3	• 0							2.4	€.7
E j	. 7	1.2	1.1	• 5	• 0							3.5	6.6
E SE	• 5	1 • 2	1.2	. 4	•1							3.3	7.1
SE I	. 7	1 • 4	1.6	1.3	•1	•0						5.1	8.4
: SE	2 • 1	1 - 9	4.3	4.4	• 5	•1						12.0	10.1
S [2.5	3 • 2	5.7	6.8	1.6	•2						19.5	10.1
5 S N 1	1 • 5	1.5	2.3	2.6	• 5							8.3	9 • 0
2 m	. P	i • 1	1.1	1.2	• 1		• C					4.3	7.9
+ S + 1	• 5	• 8	1.3	.7	• 0	• 2	• c					3 • 1	8.1
. !	. 0	1.	1.3	. e	. 4	•2	• C					4.6	9.4
M N M	٠, ٩	+ 8	1.0	• 9	• ?	•0						3.3	8.8
NW I	. 1	. 9	. 9	• 6	• 2	٠٥						2.8	P .4
N Na I	• 5	• 9	1 . 3	1.2	• 1	•1	• 8					4.0	9.2
VARIABLE 1	• • • • • • • •		•••••	•••••	•••••		••••••	• • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	
CELM 1	,,,,,,,,,	(111111	,,,,,,,	,,,,,,,	,,,,,,	///////	,,,,,,,,	,,,,,,	11111111	///////	,,,,,,,	7.6	111111
TOTALS	11 • 3	17.7	25.1	27.2	5.0	.9	. 1					100.0	R .5

ULOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: 4.5 1.1 1.4 • 2 • 6 NNE 1.0 ٠á . 1 1.0 . 4 • 8 P + 3 ħΕ . 4 1.3 • 5 7.1 ENE - 1 ٠, .1 • 3 ٠, E 1.6 . 4 2.9 4.7 1.0 FSE • 5 • 5 • b . 1 7 - 3 SE 2.8 5.5 1.1 7.9 6.3 5.1 18.9 SSE 1.7 5.4 . 4 F., 5 3.9 6.6 7.3 1.9 . 1 25.7 9 . . 7.1 ٠.4 SSW 2.7 1.5 1.5 1.5 1.7 1.2 . 5 . 1 4.3 5 % . 9 1.0 4 5 W . 4 1.9 . 1 . 6 2.3 5.1 . 6 ٠, 4. S 14 % 1.2 . 1 2.3 • 2 Na 1.2 . . VANIABLE CALM TOTALS 26.3 100.0 6.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED LSAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFP 1x PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): D300-0500

									MONTH:	MAY	HOURSILS	11: 0300-	05 00
		•••••	• • • • • • • •	• • • • • • •		NO SPEED	IN KNOTS		• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •	•••••
DIRECTION		4 -6	7-10	11-16	17-21	22-21	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME A N WIND
N		1.4	1.9	.5	. 1	••••••	** * * * * * * * * * * * * * * * * * * *	• • • • • • •		•••••	• • • • • • • •	4.9	7.3
N.N.E.	. 5	1.2	. 6	. 5								2.9	6 . 2
NE	. ,	• ?	. 4	. •								1.3	7.7
FINE	! !	1.,		. 1								2.0	5.8
t		. 4	. 4	. 1								2 • 2	٠.1
rise	. 4	1.0	.4									2.5	7,4
5.8		1 • 5	2.5									4.6	6.4
151	3.:	3.5	5.2	1.5	••							15.1	7.5
•.	4.1	6 · a	5,9	4.1	1	, ,						22.8	7.9
1.5 m			2.5	1.4	• 1							9.1	7.0
56	:•5	1.1	1.6	• 5								4.9	6.0
= 5 ≅	.,		• 2									1.3	4.4
-	1.,	1 - 4	• 1	•:			. 1					1.1	4.0
te No.	j. 4	1.~		• 1								2.7	4 . ft
٧.	.,	1.5	1.0									3.4	1.2
7. Pa es	;	٠,	. 6	• 1								1.0	* • 0
**************************************	•••••	•••••		• • • • • •		••••••	•••••	• • • • • •		• • • • • •		• • • • • • • •	
		,,,,,,,		11/11/1	.,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,	.,,,,,,,	,,,,,,,,	,,,,,,,,	15.1	111111
10.144.5	1 .2.4	26.7	. ! . !	1 4	1.1							100.0	S.A
11,7*1	• •	/				• -	• •					100.00	• "

total summer of a city vations: -- >10

ÖLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SFRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OPSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-08CC

1					a I N	D SPEED	IN KNOTS						
RECTION EGPEEST	1+3	4 -6	7-10		17-21	22-21	28-33	34-4C	41,-47	48-55	GE 56	TOTAL	ME AN Wind
N !		2.2	3.1	1.5	•••••	•••••		•••••	• • • • • • • •	•••••		7.3	8 - 1
NNE !	• 2	. 4	1.1	. 4								2.3	7 .4
NE	• ?	• 6	- 1	. 1	. 1							1.3	6.2
CAL !	. 6		.4	• 1								1.9	5.4
	. 6	• 3	• 5	. 1								1.8	6.4
ese	. 4	1. €	• fs	• .								3.3	5.6
St	1.0	3.2	1.5	• 5	. 1	. 2						6.6	7.0
ssr	2.4	2+6	4.4	1.9	٠ ٦							11.6	7.4
5	2 • 2	4.5	6.6	5.5	1.0							19.7	8.8
ssw	1 • P	1 . 4	4.0	2.0	• 1							9.8	7.6
S .	1.5	1.1	1.2	1.4								5 . 2	£ , 3
9 SB	; • *	. 9	. •	• .								7.8	4 . 2
· i	1 • 4	4.*	• !									3.0	3 . 9
- 1	1 • 7	1 - 4	• c									1.2	4.9
4.	• •	; • •	1.1									3.9	۲.5
	1.5	٦٠٠	1 • 7	. 4								4.1	6.6
**************************************	• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • •	••••••			• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • • •	•••••
1	,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,	17.4	,,,,,,
. 14i - J	16.5	25.5	20.5	1	1.1							100.0	٠.٩
1													

TEL MOMENT OF ORSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER	R: 722665								MONTH:		HOURS (LS	-87 TJ: 0900-	1100
DIRECTION 1DEGREES)	l	4 -6	7-10	11-16	17-21	0 SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48,-55	GE 56	TCTAL	ME AN
N	1.2	1.7	4.0	3.4	.1	*****		• • • • • • •	•••••		••••••	10.4	8.9
NNE	.5	• 5	1.8	• 6								3.5	8 • 1
NE		1.1	.5	• 5								2.9	6.4
FNE	. 3	. 9	. 8	• 2								2 • 2	6.7
£	.4	. 4	.9	• 2								1.9	6.6
ESE	• 2	1.0	1 . C	• 1								2.3	6.6
SE	1.5	1.=	2 • 4	• 9	• 1							6.1	7.1
SSE	• 3	1.7	5.3	3 • 1	• 5							11.0	9.8
s		2.7	9.6	7.6	• າ							21.8	10.1
SSW	.4	1.5	4.2	3. 4	. 4	•1						10.4	10.1
5#	.5	1.1	2.7	2.3	• *							7.1	9,6
W.S.W.	, a	1.1	1.2	. 4								3.4	6.6
	. 5	• 6	.5	• 5								2.3	7.1
ing Pales	٠,	. 4	• •	٠ و								2.0	7.2
7, ₩	. 4	1. *	2.0	. ?								4 . 3	7.1
P. Pala	• 7	1.7	2.3	• 5								5 • 1	7.9
VARIADLE		•••••		•••••	•••••		•••••	•••••	•••••	• • • • • • •	•••••	••••••	••••••
(#L=	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	3.2	111111
TOTALS	9.5	19.4	39.8	2 5 , 1	2.6	• 1						100.0	8.5

GLOBAL CLIMATOLOGY BRANCH LSAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD:

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

MONTH: MAY HOURS(LST): 1200-1400 #IND SPEED IN KNOTS
DIRECTION 1:+3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL ME AN (DEGPEES) 5 4.1 2 . 4 1.9 • 2 8.7 . 5 NNE 2.3 . 4 . 1 1 . 7 5.1 7.3 NE . 5 1.2 2.3 . 4 7.2 ENE . 6 • 9 2.8 6.1 . 6 1.0 1.0 Ł . 3 2.9 6.3 F SE • : • 3 • 1 . 6 7.7 S٤ 1.0 1.0 3.0 6.5 8.1 SSF 3.8 13.1 . . 3.2 5.8 . 1 9.1 1.0 3.4 5 10.8 e.6 24.3 ٥.6 SSW ٠, • 1 7.8 8.6 Sli . 3 1.2 • 3 6.0 9.7 . 4 . 9 ٠٤ . 4 . 1 2.9 ė • 3 • 1 • 9 . 4 . 1 8.0 ٠. 3.0 7.2 • 3 . 5 . 1 1.7 • 9 5.7 få fate 1.3 . 1 VARIABLE CALM 2.3 ////// 100.0 8 .4

GLOBAL CLIMATOLOGY BRANCH LSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

MONTH: MAY HOURS(LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION 1 - 3 4 -6 7-10 11-16 TCTAL MEAN GE 56 (DEGREES) ! MIND N 1.6 2.9 2.0 7.4 8.3 9 • 1 • 5 6.1 NNE 1.1 1.3 2.0 . 8 . 1 ΝE 1.9 2.2 . ? • 1 4.9 7.3 ENE . 8 1.1 7.2 F . 4 . 4 2.9 7.8 • 3 1.6 3.8 6.9 FSE . 9 1.0 1.4 • 5 SE 1.0 . 9 10.2 9.6 . 5 SSE 2.7 7.5 . 2 16.9 6.3 10.3 . 3 17.7 S 1 • 1 2.4 6.1 7.3 10.0 1.2 . 1 6.7 9.2 • 2 1.0 . 2 4.5 9.5 1.6 1.2 S₩ 8.4 WSL • 1 1.0 1.3 . 6 . 1 3.1 • 5 1.3 . 6 A . 2 Whe . 4 1.0 . 3 . 1 . 2 1.3 1.3 3 - 1 6 . 8 NW ENW . 9 . 1 7.9 VARIABLE CALM 2.2 //////

GLOBAL CLIMATCLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/HAG PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ATION NUMBER	72 266 5								MONTH:		HOURS (LS	-87 TJ: 1800-	20 00
		•••••	•••••	•••••			IN KNOTS		• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	••••••
DIRECTION (OEGREES)	1-3	4 -6	7-10		17-21	22-27	26-33	34-40	41-47		GE 56	TOTAL	ME AN Wind
N	1.1	2.4	2.5	.9	.?	•1	• • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	7.1	7.7
i	1					•••						_	-
NNE I	1 • 3	1 • 2	1.8	1.2	• 2							5.7	7.5
NE	1.3	1.5	2.7	• 8								6.2	€.7
ENE !	1 - 1	2 • €	1.0	• 4								5 • 1	5 .8
٤	1.02	2 • 4	2.5.	• 6								6.7	6.6
FSE I	. 4	1.2	1.3	• 9								3.0	7.6
32	. 5	2 • 5	6.0	4.6	• ٩	•2						14.6	15.1
S S F	. 9	3.0	6.0	7.3	1.3	•?						18.7	10.4
s 1	2.1	2.3	4.4	4.2	• ?	•1						14.2	€.6
55#	٠,٩	1.4	1.0	• 6	. 1							4.0	7.0
5 m !	• 6	1.0	. 9	.:	. 1							2 • B	6.6
พ่อพ่	•:	. 4	• 5	• 2								1.4	7.2
• į	• 3	• 4										• 6	3.5
WWW I	• :	• 5	. 4									1.2	5.7
NW I	• ?	• 3	• 6	. 3								2.0	7.0
5.44W	. 4	• t	• 2	• 2								1.5	€.0
VARIABLE I	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	•••••	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	
C# L"	,,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	///////	///////	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	4.4	111111
TO TALS	12.7	24 . 2	31.8	22.6	3.0	.6						100.0	7.9

GLOBAL CLIMATOLOGY BRANCH LSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

AIR WEATHER SERVICE/HAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

MONTH: MAY HOURS (LST): 2100-2300 DIPECTION I 41-47 48-55 GE 56 TOTAL MEAN IDE GREESI | WIND 9,2 N • 6 1.1 3.0 NNE 1.3 1.3 1.2 • 2 4.7 8 .6 ΝE 1.5 3.8 . 7 1.6 7.2 1.8 FNE ٠,9 • 6 . 3 4.5 . 9 • 2 4.9 4.5 1.5 FSE 4.8 6.5 • 6 1.0 1.6 1.6 2.5 11.3 ۶.3 SE 1.5 2.0 4.1 . 4 2.4 • 6 22.0 9.5 18.3 9.5 5 2 . 4 5.4 4.7 1.0 4 . 4 7.0 4.0 554 . 6 ٠, \$. 1 SW • 3 1.3 5.5 . 4 3.8 . . . 1 1.9 4.5 . 5, 1.2 . 1 . 1 e Nu . 9 1.4 6.5 NE • : 4.3 5.3 74 N W . 1 VARIABLE ! CALM 13.9 ///// TC TALS 23.5 20.9 . 4 130.0 6.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOWLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFF TA PERIOD OF RECOPD: FENIOU OF RECORD: 78+87

MONTH: MAY HOURS LESTI: ALL

NIRD SPEED IN NOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 24-33 34-46 41-47 48-55 GE 56 TOTAL

106 GREES | 1 MEAN MIND 8.3 t. 2.6 1.5 . 1 . 0 6.7 NA . 7 . 7 . 1 .0 7.9 1.1 3.5 7.0 ΝE 1.0 • . FNE . 6 • 0 2.4 5.9 . t 1.0 . 9 1.1 . ! 3.3 5.9 F 5 F . . 1.1 ٠, . . 3.0 6.8 51 1.0 2.0 1.2 1.3 8.3 e .4 . 1 5.55 2. ? . . 7 · . . • 3 15.9 9.1 2.2 4.-7.5 • 0 . 1 20.4 9.1 1. ' 7.2 55. 8.2 1.0 1.4 2.9 . 1 . . • : 4.5 1.5 1.0 8.1 • t. . 6 2.2 5.8 2.3 • C . 7 2.2 5.9 ... ٠. • t . . 1.1 ٠, 2.5 6.1 (11 -2.7 • : IC TALS 31.9 ٠. ۲ 100.0 7.4

HALL LIMITICALY HEARCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEEC FROM HOURLY OBSERVATIONS

• · · · · ·														
· · · · · · · · · · · · · · · · · · ·	• • • :	700665	STATIO	NAME:	DYESS AF	BTX						D: 79: Hoursils	-97 F1: 0000-	5.00
· · · · · · · ·	· · · · ·	• • • • • •		• • • • • • • •	•••••			IN KNOTS		•••••	• • • • • • •	•••••		
	. 1	*	4 -6	7-10		17-21	22-27	28-33	34-40		48-55	GE "6	FCTAL T	ME 4 N #1 N D
	· • • • •			1.1	. 3	******		••••••	•••••	•••••	• • • • • • • •		2.7	7.1
			1.3	• 6	. 4								3.^	* •1
			. 4	. 7	. 1								1.7	1.2
		• •	• 4		. 1								1.1	4 - 1
		. •	• 2	.6									1.3	4.9
		: • •	1.	• 1	. *								2.9	4 .5
		1.	:	• 4	. €.								4.9	5 .A
		•	· • •	7.2	3.3	. 1							21.6	7.0
		• •	٠, ٠	9.7	·,	• 7							32.2	6.4
		. •		2.6	1.6								7.7	7.4
				• t.	. 1								3.1	, , a
			• :		• 1								. 9	٠.4
		-		• :	.:								. 9	€ •6
				. 1									. 4	4.8
				• 1	. 1	• 1							. 4	10.5
			• *	- 1	•.7								۰.	5.6
					• • • • • • •	•••••			• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • • • • •	
					,,,,,,,,	,,,,,,,,	1111111	111111111	1111111	11111111	///////	,,,,,,,	14.6	111111
					11.1	• 0							100.0	6.1

UEDRAL CLIMATILOUP BRANCE PERCENTAME FREQUENCY OF COURTEME OF SUPERICE BIND STREETS WERENOT BEROND FRESTER FREETSAFT FOR WOLMEY OF SCHWATTERS.

STATECH NUMBER: 722665 STATECH NAME: DVEST AFF TA

PERIOD OF RECORDS TRACT
MORTHS JUN MOURSELSTES STORMS

1							THE MIGHT						
CPASE 21 1	1 • !	4 -0	7-10	11-16	17-11	* * * *	29-3 5	16-65	*!***		GE 56	11141	#1 % C
١.	. t	1.1	1.1	•••••								1.1	K . A
**** 1	- 1	••	. 4	. •									٠.٠
NF 1	. •		••		•:							:.•	• . •
es [.,	•:										1.1	
	. ٠	1.2	•:									2.2	٠.٠
rse !	. 7	• •	•2									1.*	٠.;
51	1 - 1	• ;	1.4		• 1							1.6	4.0
556	3.7	4.6	3.4	1.1	•:							12.9	٠,٠
5	6.1	13.4	11.2	7.0	. '*	- 1						55.0	٠.,
556	2+4	3.4	3 • C	1.7								8.9	5.2
28	1 . 2	1.0	• ?									2.9	4.7
esa i	• !	• 2	-1									. 7	3 .4
	. 1	• ?	• 2									1.1	1.7
h feb	• 2	. 4		. 1	•:							.9	7,4
Nu I	• !	. 3	. 1									.8	٠.0
New 1	• 2	• 2	•2									. 7	5 .5
ARIABLE	• • • • • • • • •	• • • • • •	•••••	•••••	••••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	•••••	•••••
AL# .	,,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	19.6	,,,,,,
OTALS	19.9	26.0	23.7	10.2	1.3	.1						100.0	5.3

[દય, જાદ≄સન	• • • •	ritjes		* *1 . *1				MUM1H:	_		-87 11: 0600-	96.50
		*	1	1 1:	ates in the	(fm #50 f5 7			48-55	GC 56	TCTAL B	ME AN UPIND
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	. 3					• • • • • • •	•••••	• • • • • • •		3.7	٦.،،
1.161	•			• •							2.7	۰.۵
641											. 9	6.5
. 1.4	• •		. •								1.6	4,4
	· ·		. •	•							2.7	4.8
	!	1 - 1									3.1	4,5
	• • •	. • 1	1.2	• .							4.2	5,9
. ,,	1 1		3.0	. 4							11.3	د.5
•	1 ! ••=	7. •	17.9	٠	• '•						33.3	A .4
15.	1 !		5.2	1. 1	• 2						11.8	7.3
5	! !	:•0	2.7	. •							4.3	€.8
6 Sa	1 .:	. •	. 7								1.3	5.8
•	1.1	.:	.2	• :							1.6	4 • 1
- 1	.,	. •	. 4								1.1	5.8
'. .		• 1	• 2	. 1							. 9	4.8
ti Na	.7	. 4	• 2		• 1						1.4	5.2
PARTHA	1 •••••• }	•••••	•••••	• • • • • • •			• • • • • •	•••••	• • • • • •	•••••	•••••	
AL#	,,,,,,,,	,,,,,,,	,,,,,,,	11111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,	//////	11111111	,,,,,,,	,,,,,,,	14.3	111111
TOTALS	18.6	23 . ?	3 C • 2	12.3	1.2						100.0	6.0

SECRAL CLIMATOLOGY BRANCH LSAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREGERICY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TA

PERIOD OF RECORD: 78-87 MONTH: JUN HOURS(LST): 0900-1100 34-40 41-47 48-55 GE 56 TOTAL MEAN TOF GPEEST ! ı MIND *n* 1 7.0 1.3 1.2 ٠ê 1.1 NNE 3.2 6.9 1.3 . 9 ٠ 6 Nf 1.2 . 1 . 1 2.1 7.8 . 1 . 6 ٠. i NE 1.2 , ¢ . 2 3.1 5.6 . 9 1.0 3.2 5.4 . 1 LSE 2.6 4.7 . 7 1 . 3 • t. 2.8 50 • 5 1.0 . 9 . 1 5.8 1 5€ 3.4 10.0 7.6 3.3 1 . 1 Ś 4.2 32.1 9.9 13.6 17.0 . 4 . 1 1 . 7 6.2 16.8 SSE 7.3 . 7 10.2 1.1 3.3 7.4 8.9 . 9 1.1 2.6 5.8 4 S W . 6 . 8 1.8 . 4 . E 4.3 . 1 . 8 4.0 . 4 1.3 te w • 2 • 7 5.1 for fix as 5.8 - 1 VARIABLE ! CALM 4.6 ////// TOTALS 25.1 1.2 . 1 100.0

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: IDEGREES! ! 1 WIND N 1 . 6 1.4 . 3 3.8 6.6 NNE . 8 4.0 6.7 NE . 9 4.9 7.2 1.1 ENE . 6 1.0 1.2 • 3 3.1 6.6 Ε 1.6 . 7 . 2 4.0 4.9 ESE . 6 2.2 4 . 4 6.5 SE 2.2 . 4 5.2 1.0 1.6 6.6 SSF ٠, 2.0 5.4 4.2 . 1 13.4 9.1 5 . 9 13.7 12.2 • 2 31.6 9.7 5.1 12.3 10.4 1.4 . 4 5 5 W • 2 5.1 . 5 1.3 4.8 SW • 3 2.2 . 1 8.4 • 3 • 3 • 3 • 1 1.1 5.9 . 2 4.0 . 6 • 2 . 1 • 2 . 4 . 9 HNN • 2 5 .4 NW . 4 . 1 • 3 • 9 • • 3 2.7 ///// CALM 25.8 TOTALS 10.9 21.2 36.2 1.2 100.0 8.2

GLOBAL CLIMATOLOGY BRANCH LSAFETAC

PERCENTAGE FREGUINCY OF OCCURNINCE OF SUPERACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 79-87 *.0 7.1 1.0 1.7 N . 8 • € 2.8 . 4 ... NNE ... NE 1.4 ..0 1. 2.9 6.5 E NE E 1.3 1.0 6.6 FSE 4.7 SE . 8 2 . 7 4 . 6 3.6 10.0 6.1 17.4 ... SSF 7.4 د 12.9 17.2 51.0 10.2 7.7 9.4 55# 1.1 3.4 Sie . 7 1.1 . 4 3.1 3 - 1 . 7 7.7 ٠., . 2 . 6 M N E . 1 . 1 . i . 6 4.6 46 • 2 . 3 5.7 • 7 PINE . 1 VARIABLE | CALP 2.2 ////// 100.0 41.1 29.9 1.1 8.7

UL DEAL CLIPATOLUGY BRANCH LSAFFTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF CLCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOLDER OBSERVATIONS

STATION NUMBER	# E # 7 26 6 5	5 f 6 f 1 0 s	NAME :	0462. 11	r te				P(4100 #041#:	OF BEEDR		-07 11: 1960-	20 OC
DIPECTION		4-6	7-10	11-16		ND SETED 23-27	1N 840 15	30-0C	w1-w7	***55	SE 56	TOTAL	mt s n
N	1	1.7	1.*	••••••	•••••	• • • • • • • •	••••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	1.1	
446	1	1.5	1. *	• •								3.7	7.7
Ŋ.	1	1.7	1.0	. •								1.7	*.*
FMF		. •	1.6	• 1								1.2	6.4
•) ;.•	3.4	1.5	• :	• :							6.7	5.0
1.56	1 1.1	2.4	7.4	.,								7.1	4.6
36	1	2	K.2	3, 4	• 1							15.0	A . *
. 25	1 1.5	4.0	4.0	4.4		-						19.1	P . 5
\$	1 2.1		12.6	7. 4	• .							27.7	n . n
Saw	1		1.5	1	•								1.4
56	; !	• * * • • • • • • • • • • • • • • • • •	.,	• 1									•
N 5 W		• •		••	.:							1.0	7.1
	•		• • •		• •							. 7	6.7
	!	• ?										• 7	* •D
YAb	! ., !	_	•1									••	3,3
Ny	• 1	• •		• 1								••	7.0
A NW	¦ .:	• •	•1	• 2									7.0
VARIABLE	· · · · · · · · · · · · · · · · · · ·	•••••	•••••	•••••	•••••	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	••••••	
CALM	! ! <i>!!!!!!!!</i>	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,	,,,,,,,,	//////	,,,,,,,	1111111	,,,,,,,	3.0	,,,,,,
TOTALS	70	24 . ?	41.7	14.6	. 6							100.0	7.7
	 •••••••			••••									

SAUDAL CLIMATOLOUV MEANCH SSAFETAC ATM WEATHER STRUTCE/MAC

PERCENTAGE FREQUENCY OF OCCURATINCE OF SUBTRICE WIND DIRECTION VERSUS WIND SPEED.
FROM MOUNTLY OPSTRYATIONS

MONTH: JUN MOURSELSTI: 2100-2100 #150 19120 TN 84015 -16 17-71 27-17 28-38 36-60 61-67 64-55 68 56 TCTAL MESS 101 68, 251 1 4146 1 • 1 6.1 f. **%**{ ٠. . • 2.2 ٠,٠ s (. . 1.9 5.6 •: 2.2-1.5 1.1 4.7 ٠.6 1.56 1.4 ٠, 4.5 1.5 12.8 1.0 1.1 1.54 . 1 ..3 ٠, ٠ . 1 25.1 7,4 . . 1. 4.1 7.7 . . . 7.5 200 ٠,٠ • . 5 • : ٠t 5.1 1 . 1 16.5 . 1 . 1 17.0 • 1 . 1 . 1 8.5 • 1 . 1 ٩,٩ -. 1 SIGNIBARY CALM

TOTAL NUMBER OF GRISER VATIONS: 900

GLOSAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

PERCENTAGE FREQUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

							• • • • • • • •		MONTH:		HOURS (LS	T): AL1	
1 1966-1994 123-1993-19	; -3	4-6	7-10		17-21	22-27	IN KNOTS 28-33		41-47	48-55	GC 56	TCTAL	ME AN WIND
* !		••••	1.3			•••••	••••••	• • • • • • •	••••••		• • • • • • • •	3.4	6.8
NNE I	. 4	1.5	1.1	. 6								3.1	7.4
Nt i	.•	. 4	. 9	. 3	. :		2.					2.5	7.0
146 1	. •		. ė		. 3							2.3	5.9
ı 1	1 - !	1.4	. 6	• :	٠,							3.6	5 • 2
151	1 - 1	1.	1.1		. 0							3.9	5.8
) () () () () () () () () () (. •	2.3	3 - 1	:.~	• .							7.3	7.3
- 56 - 1		٩.,	6.3	1.4	. 1							16.4	7.8
5 1	3.	'	.3.7		• *	٠.						31.1	4.5
اددا	1.2	1.,	1.6	2.9	• :							9.2	e.5
l N≅ f	. ,	. •	1.*	. 7	••							3.4	7.4
#\$# 1	. •	. •	. •	• 3	•:	٠,						1.0	5.9
i i	.•	• 3	• ?	• 4,	٠.٤		•:					. 9	5.3
- 1	• •	.:	• 2	• •	• 0							.1	5.5
he l	• ?	• ?	.2	• 1	• າ							.7	5,6
* No. 1	• 5	. 4	• ?	• 1	• 0		• 5					1.2	4.5
	•		•••••										•••••
VARIABLE !													
1								,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	*•1	
TOTALS !	17.5	23.4	33.1	14.3	1.3	•?	• 0					100.0	7.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION WERSUS WIND SPEED FROM HOWNLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TA

PERIOD OF RECORD: 78-67 MONTH: JUL HOURS (LST1: 0000-0200 wIND SPEED IN KNOTS 16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN 3 WIND IDE GREEST 1 N | 4.4 . 4 4 .8 NNE • ? . 1 . 1 . 9 . 5 • : NE . 1 3.3 1.1 3.7 [NE . , . 1 1.5 5.4 Ł 1.3 1.7 f SE . 3 5.1 . 6 . 6 . 1 4.5 sr 2.2 1.1 . 3 5.6 1.0 19.6 . 55 7.3 6 . 3 3.4 7 . 7 17. 7 . H 47.0 5 .6 7.8 17.4 • t 5 6.0 1.2 • : 4 .4 . 4 4.1 . ! 5 . • : ۲.1 . 1 . 3 ' ٠, 5 , 9 1.0 . . 1.5 • ? Ne • 1 • : 2.5 VANTARLE 12.5 ////// TO TALS 100.0

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOWALY OBSERVATIONS

PERIOD OF RECORD: STATION NUMBER: 722665 STATION NAME: DVESS AFR TX MONTH: JUL HOURS (LST): 0300-0500 IDEGREESI 1 HIND 3.5 1.1 .1 N NE . 4 . 1 . 7 . . 5.0 NE . * . . . • 1.3 FNE . 4 . 1 ť . * . ? . 2 . 6 4.1 3.7 f SE . 4 . 1 1.7 1 - 1 . 1 Sf 1.6 . 1 7.6 3.3 2.7 5.3 3.9 . 4, 12.3 5.6 A . 2 1, 7 5 17.5 18.2 6.6 154 . . 4 3.1 2.6 . . . 1 ... 4.3 ... 1.0 . . . : 1.3 1 4.7 . 1 . 1 . 1 1 ٠,١ ٠.7 . 1 1.1 -. 1 16.7 ////// TO TAL S 130.0

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOWELY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DVESS AFE TA

PERIOD OF RECORD: HONTH: JUL HOURSILSTI: 0600-0600 BIND SPEED IN MNOTS -16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN DIRECTION ! MIND EDE GPC EST 1 1.5 4.2 ANE . 6 . 1 1.1 ٠,٥ ٠, • ? . 1 . 6 NE 5.0 F NE . 2 . . . 2 . 6 ٤ 1.0 • ? . 2 .: 1.7 5.0 . : . : 3.6 1.56 . 4 3.9 1.7 . 3 2.4 ٦E 1.1 5 55 2.6 3.0 5.4 . 1 ... 4 .4 1.0 15.4 5.3 14 . . 6.5 7.0 5 5 6 1.0 . . 4 1.0 • : 16.2 3.7 5 . 2 . • 1.1 1.3 . 3 2.4 1.4 . 54 . 4 1.0 . . 1.8 1.0 • 1 • 2 . 1 ,,, . 1 ... #4414B1" ... 100.0 • 1

GEORGE CEIMATOLOGY BRANCH LSAFETAC AIR BEATHEN SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JUL MOURS(LST): 0900-1100 STATION NUMBER: 722665 STATION NAME: DVESS AFR TX

1					■ 1 *	C SPEED	IN KNOTS	i.					
RECTION 1 FOREFSE I	; -5	4 ~6	7-10	11-16		-	28-33			48-55	GE 56	TOTAL	MENN
	1.	• • •	.*	. 5		••••••	• • • • • • •	• • • • • •		•••••		2.9	5.6
NAE .	•:	. 4	• *									1.0	6.0
NE	. •	1.*										2.3	5.1
· NE	. •	. •										1.5	3.7
. !	:•7	. 9	• 3									2.9	3.7
• 5 .	. •	. 6	• 1									1.1	4.0
51	٠,٩	1.5		. *								3.1	5.4
. 50	1+7		3.2	. 5								8.1	6.6
	1+2	7 • 7	17.0	4.2	• *	• 1						35.6	9.0
· • •	1.1	9.2	11.0	•• :								18.7	8.4
	• *	3.7	4.5	:.:	- 1							9.8	7.7
eta j	1 • 4	1.6	1.1									3.7	5.0
- !	1.*	4.1	• ?									3.0	3.6
	.5	.•		•:								2 - 1	4.2
No.	. •	. •										1.2	2.8
	• 1	. 1	.•									1.1	5.4
##14#L' 1	• • • • • • •	• • • • • •	• • • • • • • •	•••••	** * * * . * •	•••••	• • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •	•••••	• • • • • • •
	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	3.1	//////
	1.41	20.3	39.6	14.2	. 6	•1						100.0	7.2

TOTAL NUMBER OF DISEMBATIONS: 930

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR #FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722655 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87
HONTH: JUL HOURS (LST): 1200-1400 STATION NUMBER: 122665 STATION NAME: DYESS AFR TX

		•••••	• • • • • • • •	••••	h I 1	ND SPEED	IN KNOT	• • • • • • • • • • • • • • • • • • •			•••••	• • • • • • • • •	••••••
DIFECTION IDFGREESI	Ī	4-5	7-1C	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN WIND
N	.6	1.3	۶ .	. 3	•••••		•••••		• • • • • • • •			3.1	£.1
NNE	.5	1.0	• 9	• 1	. 1							2.6	6.5
NE	1.2	• 9	. 9									2.9	ė • D
ENE	1.0	1.5	1.5	• 1								4.1	e • b
E	1.3	2 • 6	1.2		• 1							5.2	٠,4
ESE	.3	1.4	1.6	• 4	• 1							3.9	7.7
SE	1 1 1	3.0	5 • 1	• 9								9.1	
5 SE		3+3	8.7	2.6	. 1							15.6	- <u></u>
\$	1.5	8 • 6	15.2	7.3	. 4							33,*	• • 6
5 S h) •6	2.4	3 • 7	2.0	• 1							A	
Sw	.5	2.3	1 • 3	• 2								4. 1	٠.
WSw	.5	• ¢										1.1	1.1
be .	• 2	• 6	• 2									:.	
WNW	• 2	. 4	.1									. •	• .
Nw	• 3	• 1	. 3										
NNW	.6	• 3	•2										
• • • • • • • • • • • • • • • • • • • •	! . • • • • • • • • • • • • • • • • • • •	•••••							• • • • • • •			• • • • • • • • • • • • • • • • • • • •	
PARIABLE	l												
i	<i> </i>	////////	''''	11111111	11/1/1/	,,,,,,,,	111111111	,,,,,,,	111111 :	****			
TO TALS	11.9	30 • 2	39.7	14.5	1.7								
		•••••											

AD-A190 356 UNCLASSIFIED	FIGURE SE	Mi,	THE TOP S	MASSAL 22	2/4 IEL		



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1965

GLOGAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

CTATION ANDMILLO. 220445 STATION NAME. DVECS ASD TV

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: #IND SPEED IN KNOTS

DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (DE URECS) | 6.3 N . 3 1.3 MNS . 5 • • 8 • 3 2.3 7.0 NE 1.2 1.0 3.0 7.7 • 1 FINE . 9 ٠, ٠,5 3.5 6.7 1.2 • 1 2.5 7.0 Ł **.** 6 2.5 • 5 6.1 ESE . 5 2 . 8 • B • 1 6.0 7.6 SE ٠, 4 . 6 6.2 1.6 13.3 7.4 SSE 2.0 5 • 2 9.7 4.5 21.4 6.0 s 1 . 4 6.9 7.8 29.0 8.9 1.5 5.5 7.8 SSW . 6 1 . 5 2.4 5.5 Sw 1.2 • 8 WSW • 2 . 2 . 1 . 5 8.4 • 2 • 3 3.7 • : W 1. W • 2 . 1 . 3 9.0 Nie • 1 . 4 • 1 4.8 NAM CALM 2.0 ////// TOTALS 100.0 7.7

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF PECORD: FERRIOU OF PECORD: 78-87 MONTH: JUL HOURS (LST): 1800-2006 #IND SPEED IN KNOTS DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (DEGREES) | 4.7 - 1 . 4 • 1 . 6 . 3 PINE . 0 • 1 1.2 4.9 . 3 . 3 NF . 4 • 6 1.7 7.1 FNE 1.6 . 6 • 6 4.0 7.2 1.6 . . Ł 2.4 2.3 7.0 5.4 ESE 2.3 1.3 1 • 0 3 • 1 7.6 7.5 SF 2.0 1.2 19.2 7.8 7 , 1, SSE 1.7 12.4 • 1 7 . 4 25.6 7.6 2.9 5 6.7 11.5 4.0 24.5 7.5 1.1 . 3 • 3 . 0 2.6 6.7 . 4 SW . ! . 2 1.3 4 .8 ٠, WSW . 3 5 . 3 • 3 . 2 • 2 5 . 1 W N W Nie NNW 3.0 VARIABLE CALM 3.8 ////// 100.0 7.0

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: MONTH: JUL HOURS(LSTI: 2100-2300 LIND SPEED IN KNOTS MEAN DIRECTION | 7-10 17-21 22-27 28-33 34-40 41-47 48-55 4 -6 11-16 GE 56 TCTAL IDE GREESI | MIND N . 3 • 1 • 1 • 2 • 1 ė • D NNE . 1 . 3 . 1 . 6 7.8 . 1 NE 3.8 . 4 . 4 . 9 E NE ٠, 1.0 .5 2.3 4.5 Ε 3.5 4 . 2 ESE 1.7 5.8 4.7 2.9 SŁ 7.0 5.8 • 6 16.3 6.1 SSF 10.0 1.5 28.2 6.0 5 7.5 7.8 2.6 • 3 27.1 6.1 2.7 3.7 5 S W • 3 1.6 • 3 SW • 2 - 1 • 3 2 • 3 wsw . 1 WNW NW 4 . 4 • 3 P. N.W 5.0 CALM 10.5 ///// 100.0 5.2

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PLRCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY DESERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

									MONTH:	JUL	HOURS (LS	T): AL	L
DIPECTION OIPECTION OBGREESI		4 -6	7-1G	11-16		ND SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL 3	MEAN Oniw
N I	. 6	• 7	.3	.2	2.					••••••	•••••	1.8	5.4
NNE [• 3	• 5	• 3	- 1	• 0							1.2	6.1
NE .	. 5	• 6	.4	• 1								1.7	5.5
ENE I	. 7	۹.	• 6	• 2		•?						2.2	5.7
£ !	1.2	1.5	. 9	- 1	• č							3.7	5 • 2
ESE	.8	1 • ?	1.1	. 3	.9							3.6	6.3
55	1 • 3	3 • 1	3.6	. 7								8.7	6.6
5.SE	2.4	5•0	7 • 3	1 • 8	•:							17.5	6.9
s	4.7	11 • 7	14.4	5.5	• 3	•0						35.9	7.4
ssw	1.6	2 • 4	3.5	1.0	. 1							8.7	6.9
Swi	.5	1.2	1 • C	• 2	• 0							2.9	6 • 1
wsw	. 4	. 4	• 2	• 0								1.0	4.6
¥	.4	. 4	. 1	. 3								. 9	4.3
5 to 6	• 3	• 1	• 1	• 0		٠,						.5	4 .4
N# !	• !	• 3	. 1									. 6	3.9
NNW I	• 3	• 2	• 1	• 0								• 7	4.2
VARIABLE	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	•••••	•••••	•••••	•••••	• • • • • • • •	••••••	•••••	••••••	
CALM	,,,,,,,,,	,,,,,,	,,,,,,,	11/1////	//////	() () () () ()	,,,,,,,,	1111111	1111111	///////	,,,,,,,	8.3	/////
TOTALS !	15 • 4	30.3	34.2	16.3	• 5	•1						100.0	6.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOLRLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR IX

PEPIOD OF PECOPO: 78-87 MONTH: AUG HOURS(LST): 0000-02CC WIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) | MIND N NNE . 4 • 3 • 2 1.0 4 . 8 NE . 5 1.5 4.1 . 4 . 2 E NE . 1 . 8 4.4 Ε 1 • 3 1 • C . 4 2.7 4 . 2 FSE • 6 2.4 5.3 SE . 8 2.4 . 3 . 8 4.2 5.5 SSE 3 . ? 9.4 5.1 . 8 . 1 18.6 5.9 S 39.0 6.0 554 3.5 2.4 1.5 . 1 7.5 4 . 2 Si ٠,9 • 2 . 4 • 1 1.6 4.6 WSW . 1 . 1 2 • 0 . ! . 3 2.7 . 5 WNW . 1 . 6 2.5 NW . 4 . ? 3.0 NNW . 3 3.0 VARIABLE CALM 16.3 ////// TOTALS 100.0

GLOWAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87 • 1 1.5 5.3 t. NE . 9 . 4 • 2 . 4 1.9 5.2 ΝE • 5 . 1 . 4 1.1 € .2 ENE • ? . 8 3.4 E . . • ? • 2 . 1 1.2 5.5 ESE • G . ê . 2 1.8 3.9 SE . 9 5 . C 3.3 5 5 E 3.7 5.4 4.0 • 6 13.7 5.6 S A . 7 14 . 4 12.2 1 38.2 €.0 55. 7 . 3 . 1 9.4 5.0 Św 1.3 . 9 . 3 • . 2.7 4 .4 . 5 WSW . ? . 9 3.5 1.0 • 3 . ? 1.5 3.3 w NW . 8 . 1 • 1 1.0 2.7 is at 1 . ? • ? • 1 1.6 1.5 PAGE • 1 1.3 VARIABLE CALM 19.1 ////// TOTALS 100.0 4 .4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FRO™ FOURLY OBSERVATIONS

PEPIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0600-0800 STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

							_		110111111	400	HOOKSILS		
DIPECTION (DEGREES)		4-6	7-18	11-16	w I A 17-21	D SPEED 22-27	IN HNOTS 29-33	34-40	41-47	48-55	GE 56	TCTAL 3	MEAN WIND
N	, ,	1.1	.5	• 1			•••••		• • • • • • • •	••••••	•••••	2.6	5.0
NNE.	1.3	. 3	• 2	. 1								1.9	4.0
NÉ	• 3	• 6	• 3	• 2								1.5	6.6
ENE	.5	. 3	. 1									1.0	3.2
£	. 5		• 1	• 1								• 8	4.6
ESE		• 2	• 2	• 1								.9	€.⊓
3.6	. 9	1.7	• 9	• 5								3 • 4	6.2
SSE	3.5	3 • 8	3 . 3	. 5								11.2	5.4
s	8.9	11.8	11.1	3.2								35.1	6.1
S S 🖦	3.9	4 • 6	4.2	• 3								13.0	5.3
Sw	2.2	1.4	. 9	• 1	- 1							4.6	4.7
wsw	.6	• 5	• 2									1.4	4 • 1
	. 9	. e										1.6	3.1
to feed	.5	• 3										.9	3.5
Nw	.6	, 4	• 1									1.2	3.7
FINM	1.0	• 6	• 3									2.2	4.0
VAHIABLE	! !	• • • • • • •		• • • • • • •				• • • • • •	•••••	• • • • • • • •	•••••	• • • • • • • •	
CALM	1,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,,	,,,,,,	innin.	,,,,,,,	,,,,,,,	16.9	111111
TO TALS	25.7	26.4	22.4	5.4	• 1							100.3	4 .5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: MONTH: AUG HOURS(LST): 0900-1100 † WIND SPEED IN KNOTS DIRECTION ! 17-21 22-27 28-33 34-40 1-3 4 -6 7-10 11-16 41-47 48-55 GE 56 TCTAL MEAN IDE GREES! | WIND 1 ٨. ٠. ٤ 1.3 1.3 • i 3.3 N.N.E . 4 1.0 1.1 • 3 3.3 6.7 NF 2.6 **.** £ 1.1 5.3 ENE . 6 . 1 1.9 4.9 • 8 . 4 £ 1.0 1.1 2.7 4.9 £SE . 4 • 3 . 1 1.5 5.4 • 6 SE 1 . 2 1.3 . 1 . 1 2.7 4 . 1 SSE 2.0 • 5 . 1 5.5 5 1.6 6 . 3 31.3 8.9 1.4 2.9 SSW 5 . 4 10.0 19.7 7.8 SW 3 . 5 4 . 6 . 3 10.0 6.4 W 5 W 1.2 4.3 6.0 1.4 1.3 3.3 4.3 . 6 . 5 . . WNW 1.1 3.8 NW . 5 • 3 1.2 4.0 SING . 5 4.7 VARIABLE CALM 4.1 ////// TOTALS 17.6 100.0 6.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

100.0

6.9

• • • • • • • • • • • •		•••••					IN KNOTS		HONTH		-	1): 1200-	
DIFECTION OBEGREEST	1 -3	4 -6	7-10		17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME A N
N į	, 5	2.0	1.4	.4	•••••		••••••	• • • • • • •		• • • • • • •	••••••	4.7	6.3
NNE	. 9	1 • 4	1 . 7	• 3	. 1							4.3	7.1
NE !	1.0	1.0	1.5	• 4								4.7	6.0
FNE	. 7	1.6	.4									2.8	4.7
£ .	1 • 5	7.5	2 • 2									6.7	5.1
ESE	• "	2.7	1.7									4.3	5.6
SE	1 • 2	4 - 1	2.7	• ?								8.2	5.9
SSF !	1.1	4 • €	5.8	2.2	• 2							13.9	7.7
5	1 • 5	7 • °	13.7	r • 9	. 4							28.7	8.4
5 S h	1 • 2	3 • 1	5 • 3	• 6								10.2	6.9
S %	1.0	1.2	2.4	• 2								4.7	6.2
WSW !	• 2	• ?	• 5	. 1								1.2	6.0
• !	• 2	• 1	.6	• 1		•1						1.2	8.7
ו שאש	• 2		.1									• 5	4 .0
NH I	٠,		- 1									1.4	3.8
												• 6	3.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

100.0

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: MONTH: AUG HOURS(LST): 1500-1700 OIPECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN IDEGREES! 1 6.7 1.3 . 4 3.2 NNE . 9 1 • C 2.4 • 3 4.5 8.6 ۸E . 5 . 4 1.0 1.5 3.4 5.8 FNE . 6 1.6 1.4 • 3 4.0 6.3 E 1 • 3 4 • 7 3.1 . 4 10.0 6.3 E SE 2.5 3.5 ٠, ٩ 1.0 . 1 8.0 7.2 SŁ 1 . 2 3 . 7 3.4 1.0 9.2 SSE 1.5 5 • 3 3.5 . 1 19.8 7.9 S 11.0 4.3 • 2 1.0 5 . 6 22.0 8.5 55# . 5 1 • 6 3.1 • 8 6.0 7.5 5 % • 3 • 6 • 3 2.7 7.4 . 4 . 4 • 2 1.1 5.5 . 6 • 6 . 4 . 3 2.0 5.9 uNu • 2 . 2 4.7 NW • 3 . ? . 1 4.0 . 6 . 1 . 1 4 . 5 CALM 2.2 //////

TOTAL NUMBER OF OBSERVATIONS: 930

31 • C

41.0

14.3

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: ODDS-CORT : (121): AUG HOURS (LST): 1800-2000 WIND SPEED IN KNOTS
DIFECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN IDEGREES! ! WIND N • 9 • 3 6.1 NNE . 6 ٠ ٩ 1.C • 5 2.9 7.1 ΝE • ? 2.9 7.0 1.0 ENE 1.3 . 9 3.1 5.3 1.7 ŧ. 1 . 4 4 . 7 1.1 . 1 9.1 6.2 £ SE . 9 A . 6 7.1 SE • 5 6.0 1.4 9.5 18.1 7.4 SSE 2.0 6 . 7 9.3 2.3 20.3 7.3 5 2.7 . 1 7.3 SSW 1.1 . 9 . 4 2.3 4.3 SW • 7 • 2 4.7 • : .6 WSW . 1 4.0 . 3 . 1 . 9 4.1 . 7 BNB . 3 2.3 NW • 2 5.0 N.N. 6.9 6.0 ////// . 2 TOTALS 2.0 G.C 33 . 4 3H.R 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

MONTH: AUG HOURS (LST): 2100-2300 WIND SPEED IN KNOTS
DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND IDEGREES! | 1.3 N • 2 . 1 6.0 1.3 4.9 NINE . 6 . 4 • 1 . 1 . 5 1.4 .5 2.5 5.1 2.3 4.4 . 3 ENE . 8 1.2 4 . 4 2.2 • 2 6.0 Ł 2.7 1.0 6.9 5.3 1 . 5 • 1 3 5 12.2 5.8 SE • 5 1.6 6.6 SSE 5.1 11.8 7.0 . 9 25.6 5.8 25.0 5 9.0 7.7 5.7 2.3 3.3 . 4 SSW 1.7 . 1 • 2 4.8 S١ • 2 WSA • ? . 1 . 4 4.0 . 8 3.1 • 2 . 5 5.3 • ? • 2 . 2 . 6 Se Page 2.7 • 3 NNW CALM 100.0 TOTALS 2 . 3 . 1 4 .8

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATIONS

PERIOD OF RECORD:

ATR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

MONTH: AUG HOURS(LST): ALL WIND SPEED IN KNOTS

OIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN EDEGREEST 1 WIND N . ? 1.0 . 7 • 2 • 0 5.9 . 7 • 3 NNE . 9 . 9 • 3 2.6 6.7 .7 . 2 ΝŁ ٠ ٤ 2.5 5.8 . 9 . 4 E IvE . 6 . 1 2.1 5.0 Ł 1.2 2.2 1.2 . 3 • 3 5.5 1.9 FSE . 7 1.5 • 3 • 3 4.3 6.2 SE 1.1 3.4 2.7 • 5 7.7 6.3 5 S E 2.7 1.4 . 1 S 4.8 10.0 11.4 3.8 • 2 30.1 7.0 5 S W 2.1 2 . 7 3.4 • 6 8.8 6.2 . 2 . 9 1.0 1.3 • 0 . 3 • 1 WSW . 4 • 5 1.2 5.3 . 7 . 3 . 1 . 5 •0 4.6 UNU . 4 • . . 1 . 3 . 1 DINN . 7 . 2 . 3 4 . 5 VARIABLE | CALM 9.8 ////// TOTALS • 3 100.0

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): DODG-

									MONTH:	SEP	HOURS ILS	11: 0000-	0200
•••••		• • • • • • •		• • • • • • • •		SPEED	IN KNOTS	• • • • • •	• • • • • • • •	• • • • • • • •	••••••	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIPECTION (DEGREES)		4 -6	7-15	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN
h.	1.2	1.4	1.2	.4	•••••	• • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	4.6	6,8
"	1		4.6	• ′								4.0	5,0
N.N.E.	1 .4	1.7	. 7	• 2								2.7	5,5
ħE	,7	. 9	• 1									1.7	4.0
E NE	.4	• 6	• 3	. 7								1.6	5.7
E	.9	• 6	• 1	.1								1.7	4 • 2
£ 2E	. 4	1.3	• 3									2.1	5 • 1
SE	1.5	2 • 6	2.8	• 2								7.1	6 .7
\$ SE	2.2	6 • 7	7 • 1	2.0	. 4							19.0	7.4
S	4.6	6 • 2	9.9	€.1	• 3							27.1	7.7
5 S h	2.6	1.6	1.9	1.3								7.3	6.2
SW	.4	۰, ۹	. 7	. 1								2.0	5.6
wsm		. 1	. 3									1.0	4.6
w		. 1										•6	2 •8
je Nist	.,	. 1										. 3	3.0
NW		• 1	• 1	. 1								. 7	5.5
សសម	.2	1.0										1.3	3 • 9
VARIARLE		• • • • • • •		• • • • • • • •	•••••	• • • • • •	••••••	• • • • • •	• • • • • • • •	• • • • • • • •		•••••	
	i !///////////			,,,,,,,,,	,,,,,,,,,,	,,,,,,,	,,,,,,,,		,,,,,,,,	,,,,,,,,		19.1	111111
C# L "	1		,,,,,,,,					,,,,				1,63	• • • • • • • • • • • • • • • • • • • •
TOTALS	16.6	25 • 2	25.6	12.4	• 6							100.0	5.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX

PERIOD OF RECORD: 77-86 MONTH: SEP HOURS(LST): 0300-0500 WING SPEED IN KNOTS
DIPECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN MIND IDEGREES! ! 6.8 6.2 N 1.9 2.4 1.4 1.0 2.4 4.7 NNE ٠, 1.0 . 3 . 2 • 3 1.7 4 . 3 ΝE . 6 . 8 6.8 • 6 • 3 • 2 ENE 4.5 1.0 1.3 Ł . 1 . 7 . 4 • ? 4.5 ESE 5.7 1.9 1.2 . 3 1.0 SE 6.6 SSE 3.0 7 - 1 6.0 • 9 . 3 29.3 6.8 5.0 10.8 3.2 • 6 1.7 2.2 1.1 7.2 554 2 . 2 5.2 . 9 SW 1.0 1.1 • 2 4.7 • 2 . 2 • 1 1.1 3.0 ٠, . 6 . 7 2.0 N N N 3.5 1.9 1 - 1 . 7 .1 2.8 1.2 VERTABLE CALM 100.0 7.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR IX

PEPIOD OF RECORD: 77-86 MONTH: SEP HOURS (LST): 0600-0800 #IND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (DEGREES) | WIND . . 2 1.3 2.3 1.4 1.1 6.4 7.1 NNE . 4 1.2 1.1 . 1 2.9 6.4 ΝE . 1 . 6 . 2 1.6 7.1 E NE • 2 • 6 . 2 . 1 1.1 6.1 . 9 £ • 2 . 2 5.8 ESE . 3 1.C • 2 5.6 SE 1.0 5.3 1 . 4 .6 • 3 3.3 5 \$ E 3.2 6 • 1 3.8 1.8 . 2 15.1 6.3 4.9 8.6 9.0 5.1 28.0 7.3 1.2 1.7 2.4 SS¥ 3 . 7 8.7 6.4 SW • 8 . 2 • 3 2.6 4.7 WSW 1.0 • 3 4 . 1 . 1 . 1 1.3 1 . 2 2.1 . 3 HNW • 3 • 1 .8 3.7 NW 1 . C . 2 • 2 • 1 1.6 4 - 1 NNW 1.3 . 3 • 3 4.8 CALM 19.1 ////// TOTALS 28 . ? 21.0 11.C • 9 100.0 5.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOLKLY OBSERVATIONS

PERIOD OF RECORD:

77-86

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

MONTH: SEP HOURS (LST): 0900-1100 MIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-16 11-16 17-21 27-27 28-33 34-46 41-47 48-55 GE 56 TOTAL MEAN COEGREEST 1 1 WIND 1.2 .4 .1 1.9 7.6 NNE . 9 2.1 1.4 . 9 5.2 6.5 . 4 1.4 1.3 . 3 3.6 6.4 ΝĒ . 9 . 4 1.8 5.2 ENE . 9 .9 3.0 6.6 . 9 2.2 E SE . 5 . 0 5.6 SE ٠, 1.4 1.2 • 2 3.8 5.6 S \$ E 2.2 10.2 8.1 S 3.2 11.0 10.0 1.8 27.4 10.4 1 . 7 SSW . 4 2.8 6.4 4.0 • 3 14.0 9.4 . 6 3.0 1.9 1.4 5.9 7.7 . 7 • 3 ¥ 5 ₩ 1.1 6.2 . 7 5.2 . : 2.1 • 8 . 6 **949** . 7 . 2 . 9 2.6 . 8 . 4 1.2 3 • 1 7.0 NAM . 7 • 7 . 7 4.4 ////// CALM TOTALS 33.6 22.2 2 . 9 100.0 7.8

GLOSAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: STATION NUMBER: 722665 STATION NAME: DYESS AFP TX MONTH: SEP HOURS(LST): 1200-1400 MIND SPEED IN KNOTS

OIDECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MF & N IDE GREEST 1 MIND N 1 8.5 . ė 2 . 7 . 4 1.8 1.1 4.8 7.7 NNE 1.4 1.8 . 4 . 1 NE 1.0 . 6 1.3 4.1 6.1 E NE . 7 1.9 • 3 ε ٠, 6 2.7 1.4 . 6 5.6 6.3 5.1 5.7 2 . ? 1.7 • 2 FSE 1.5 6.8 6.5 2.2 2.3 • 8 SF 1.4 P . 3 11.2 " SF . 7 3.4 4 . (. 2.6 12.2 26.0 10.1 5 2.7 8.8 10.1 . 4 2.4 SSW • ? 1.6 3.6 7.5 2.8 SW . 4 . c 1.1 . 3 . : 5.1 . 7 Ģ . 4 . 1 2.1 5.5 . 7 1.0 . 0 . . 7 1.4 4.3 . 4 • 3 M N at 4.3 t. W . 4 . 1 . 9 5.4 NAW 3.7 ////// CALM 100.0 7.8 1.0 • ? TOTALS 36.7 21.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX

PERIOD OF RECORD: MONTH: SEP HOURS(LST): 1500-17GC #IND SPEED IN KNOTS -10 11-16 17-21 22-27 28-33 34-40 DIPECTION I 7-13 41-47 48-55 GE 56 TCTAL ME AN IDE GREES! | 1 WIND N 1.0 7.6 . e 3.3 • : 1.0 5.0 P.9 NNE 1.3 2.2 . 1 • 1 2.1 3 . C ٠, 7.0 ħ.E. 1.0 7.2 ENE 1.4 1.7 • 6 5.0 6.4 £ . 4 3.2 2.6 6.8 6.5 . 6 1.0 5.2 1.4 1.7 7.1 ESE 1 • 1 SĘ 1 - 1 2 . 7 4.9 1.9 10.6 7.7 2.4 . 1 8.8 SSE . 7 2.6 6.4 7.6 5 3.0 10.0 . 4 21.9 9.7 . 8 1.7 2.3 2.€ 6.8 8.9 . 7 1.7 1.2 6.3 SW h SM . 7 . 7 1.0 3.9 . 1 . 9 4 .8 . 6 . 2 . 1 . 1 . 4 P . C . € 1.1 . 4 . 1 4.1 NH Pi tem . 4 3.9 VARIABLE CALM 2.8 ////// TOTALS 25 . 3 40.0 25.2 • 1 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-86 MONTH: SEP HOURS(LST): 1800-2000 #IND SPEED IN KNOTS
DIPECTION | 1-5 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN MIND 2 COL GREEST 1 N • 3 • 1 7.3 6.6 NNE . 6 4.6 6.3 . 7 1.2 5.9 PEF 1.9 4.3 5.6 ENE 1.0 1.2 . 2 ŧ 3. 0 2.9 2 • 1 • 3 8.3 5.1 E SE 1.0 8.7 7.3 5.0 14.3 7.3 1.4 6.0 1.9 56 5 S F. 6 • 7 7.3 3.8 • 2 19.4 7.9 S 5.0 2.6 • : 17.0 6.7 2.7 . 7 1.0 • 2 6.2 55% . 2 ٠, 4.9 5 . 2 . 2 • 1 . 3 6.3 ٠, 5.5 . 6 • 2 . 1 4.0 WNW . : . 1 7.4 NW . 1 . 6 3.3 NNI CALM 100.0 TOTALS . 5 11.3 6.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

77-86

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: MONTH: SEP HOURS(LST): 2100-2300 DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 TOTAL MEAN 48-55 GE 56 IDEGREES! | MIND • 6 5.9 1.1 2 • 1 NNE . 7 1.9 1.1 . 3 4.0 6.1 • 3 • 2 NŁ . 6 1.4 2.7 5.3 ENE . 8 1.0 . 3 . 1 2.2 4.9 Ĺ 1.0 1 . ? . 6 2.9 4.2 1.9 EST 1.4 . 9 2.6 6.8 6.0 SF 1.9 4.9 5.1 . 7 12.6 5 5 5 3.7 2.4 7 . 6 .6 21.7 7.6 4 . A 7.1 2.9 5 5 . 7 • 3 20.8 6.9 55% 1.1 ٠, • 6 . 7 • 5 2.6 • ? . 2 1.5 2.0 .: . 6 . 1 . 7 2.3 NAME • ? . 4 3.1 VARIABLE CALM 14.2 ///// TO TALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 77-86 MONTH: SEP HOURS (LST): ALL WIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND (DEGREES) | 7.2 . 3 6.7 ř. 1.9 1.1 1.2 2.3 . 1 NINE •0 3.9 . 5 1.3 • 5 • 0 1.6 6.8 NE . 6 1 • 2 1.1 . 3 • 0 3.2 6.4 1.0 . 7 . 2 5.9 ENE . 6 2.6 E • 0 1.7 1.3 . 3 4.0 5.7 1 . C • 6 .0 f SE 1.5 1.3 . 4 4.1 6.3 SE 1 • 2 3.0 . 7 2 • B 1.9 SSE 5 . 7 5.8 2.6 • ? • 0 15.8 7.6 S 3.2 9.4 5.9 •0 24.7 8 . 3 SSW 1 . ? 1 - 5 2.6 1.7 . 1 , 9 Sø . 7 . 8 • 3 • 2 2.7 6.2 W 5 w . 5 . 4 • 3 . 1 1.3 5.0 . 4 . 2 . 5 4 . 3 • . 6 • 0 6 No. . 2 . 1 3.8 . 6 • 3 14.6 . 6 • 3 • 1 • 0 1.1 3.8 NNE • 1 VARIABLE I CALM 10.9 ////// TOTALS 14.5 1.1 100.0 • 1 6.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POLRLY OBSERVATIONS

PERIOD OF RECORD:

77-86

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

MONTH: OCT HOURS(LST): 0000-0200 NIND SPEED IN KNOTS
DISECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL IDEGREES! I ı WIND 6.5 6.7 ħ 2.6 2.4 1.4 • 6 1.5 3.5 7.5 MAE . 4 • B . 1 . 8 1.7 5.6 NE • 9 . 4 . 1 E t•E • 2 • 6 ٠,9 4.9 1.4 5.0 1.0 • 2 £ • 2 1.3 . + ٠.5 6.6 FSE • 1 SE 1.0 1.3 . 4 3.9 6.5 . 2 12.8 7.5 SSF 1.7 4.5 3.8 2.6 22.6 7.0 6 • 9 . 2 5 6.1 4.5 4.8 5 • 5 SSW 3.9 3.4 1.4 11.7 . 1 3 . 8 4.7 SW 1 . 4 1.6 • 6 2.5 5.0 . 5 . 3 WSW 1 • 3 • 3 1.4 4.5 • a • 3 . 1 • 2 • ? • 2 1.3 4.9 Nie 1.5 • 3 • 2 4 . 3 NAME • 3 6.6 VARIABLE 19.5 ////// CALM TOTALS 26.9 100.0 5.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POLRLY OBSERVATIONS

77-86

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECOPD: HONTH: OCT HOURS(LST): 0300-0500 DIRECTION 1-3 4-6 7-10 11-16 17-21 20-27 20-33 34-40 41-47 48-55 GE 56 TOTAL MEAN IDEGREES) 1 MIND 6.9 3 • 1 2.2 1 • 1 • 5 7.5 NNE 1.1 1.2 3.1 . 3 ٨E • 2 . 8 • 1 1.4 7.2 ENE **.** 6 • ? 1.0 3.7 £ . 5 . 9 1.5 4.4 . 1 • Ē ESF . 4 . 1 1.1 4 . 1 SE . 5 2.5 7.0 ٠ ٤ • 3 S SE 2.0 3.5 2.0 1.4 .2 9.4 6.9 . 1 • ? S . 3 23.3 7 . 2 5.9 4.1 7.0 2.9 3 . C . 6 9.5 5.7 SW 1.5 . 9 • 2 3.8 5.1 1 . 2 2.2 WSW 1.2 . 5 . 4 4.2 2.7 4.6 1.7 . 5 2.3 3.0 . ? 2.7 . 6 1.2 5.2 Nie . 4 NINW 7.0 VARIABLE CALM 23.4 ////// h.8 1.0 100.0 21. 1 24. . C 19.C

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOLRLY OBSERVATIONS

STATION NUMBER	R: 722665	STATION	NAME:	DYESS AF	B TX				PERIOD (OF RECOR		-86 T): 0600-	08 00
		•••••		• • • • • • • •		D CDEED	IN KNOTS		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	•••••
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21		28-33		41-47	48-55	GE 56	TCTAL %	MIND Wean
•••••		• • • • • • •	******	• • • • • • • •		• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • •	•••••
N	1 1.2	1 • 9	1.9	1.1	• 6							6.8	8.3
NNE	. 4	• P	• 9	• €								2.7	7.7
N£	?	• 5	• 2	. 1								1.4	5.5
E NE	.5	• 6	• 1									1.3	4.1
ε	.4	1.1	. 1	• 1								1.7	4.9
FSE	.4 	. 6	• 2	• 1								1.4	4,9
55	1.1	1.3	. 9	. 1								3.3	5.1
5.58	2.5	3 • 0	2.9	1.3								9.2	6.5
\$	4.4	5 • 9	7 • 3	3.1	• 1							20.B	6.8
S S #	1.8	2 • •	2.9	• 1								7.6	5.7
SW	1.5	1.7	. A	• 6								4.6	5 •6
wsw	1 • 3	• 6	• 9									2.9	4.6
•	1.5	1.7	• B	• 1	• 1							3.8	4.8
wha	j 2.5	• 3	• 2	• 3								3.4	4 • 3
fest	1.5	1 • 7	• €									3.9	4 • 2
NNa	1.4	:•9	1.0	• !								4.6	5.4
VARTABLE	• • • • • • • • • • • • • • • • • • •		•••••	• • • • • • •	•••••	•••••		• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		•••••
CALM		,,,,,,,	,,,,,,,	11111111	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	23.6	111111
TOTALS	 2.1 	26 • 6	21.6	₫•1	. ?							100.0	4 .8
	• • • • • • • • •								• • • • • • •				

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX PERIOD OF PECORD: 77-86 #IND SPEED IN KNOTS

#IND SPEED IN KNOTS

1-3 4-6 7-10 11-16 17-21 22-27 26-33 34-40 41-47 48-55 GE 56 TOTAL MEAN DIPECTION IDEGREES! | ≥1°40 9.3 2.9 •2 3.5 2.2 1.3 11.2 NNE • 2 :.0 1.5 ٠, . 4 9.6 4.3 1.2 NE . 9 • 3 2.8 6.4 ENE . 0 6.4 Ε . 9 . 1 . 6 1.6 7.3 FSE 1.4 . 6 . 6 2.7 SE • 3 1.4 3. • 2 6.2 SSE 3.1 2.0 9.1 8.0 6.9 5 4 . 5 7.9 . 9 1 . 3 21.4 9.3 55. 2 • C 5.6 4.4 9.2 . 1 5.7 8.2 1.6 1.5 4.0 6.6 1 • 2 1.3 1.9 . 3 • 1 h /. . 1.2 .5 2.5 5.4 . e te a . 9 1.7 3.2 5.2 1.1 1.4 1.7 • £ 7.0 VARIABLE CELW 5.2 ////// In IAL 100.0 7.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOLRLY OBSERVATIONS

77-86 STATION NUMBER: 722668 STATION NAME: DYESS AFR TX PEPIOD OF RECORD: MONTH: OCT HOURS(LST): 1200-1400 #IND SPEED IN MNOTS
DIRECTION | 1-3 4-6 7-10 11+16 17-21 22-27 28-33 48-55 GE 56 TOTAL MEAN (DEGREES) | WIND 11.2 8.3 2 . 4 4.3 1.5 1.6 • t . 9 .: 2.4 1.5 5.5 8 .8 NNE . 6 ħΕ ٠, 6 . 4 . 6 1.1 3.0 7.8 . 4 5.6 ENE . 5 . 4 ٤ 1.2 2.0 4.8 . 4 2.0 4.9 ESE . 4 1.2 . 4 SE 1.3 6.5 1.1 SSE 3.0 2.5 7.8 8.5 . 6 1.7 9.1 4.3 20.2 5 3.9 10.5 • 6 SSW 5.9 4.1 13.7 9.1 2 • 7 . ċ 7.0 7.7 Sw . 5 2.6 2.6 1.3 3.0 . 5 8.6 WSW . 1 • 9 1.5 . 1 . 9 . 5 • 3 3.5 6.9 1.0 . 3 1.1 • 3 1.9 7.9 WNW . 2 1.5 • 2 5.4 Nw 1.0 .6 3.3 NNH . 3 6.4 VARIABLE CALM 3.5 ////// 100.0 7.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 722665 STATION NAME: DVESS AFP TX

PLRIOU OF RECORD: 77-86 MONTH: OCT HOURS(LST): 1500-1700 -IND SPEED IN KNOTS DIPECTION | 1-3 4-6 7-10 11-16 17-21 27-27 29-33 34-40 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) | MIND 3.9 6.0 8.5 14.2 NNE 2 . C 1.4 1.1 . 1 4.6 8.5 NΕ 1.4 . 4 1.1 • 9 3.7 6.7 ENE ٠,٥ 2.0 6.0 Ε . a • 3 1.9 2.0 4 • 1 ESE . 9 . 6 1.4 • 1 2.9 5.7 SE 1.0 2.2 5.1 6.3 5 S E 2.9 6.2 2.0 . 5 11.9 7.9 1.5 5 4 . 4 9.5 5.6 . . • 1 21.3 554 . 9 3.9 9.5 8.3 1.8 . 2 . 5 4.3 7.5 1.6 6.56 1.5 . 9 . 9 - 1 2.0 5.2 . 4 • 2 3.2 8 .: • 2 . 5 • 6 1.6 7.5 . 5 . 8 t. W • 9 • 2 2.9 6.8 NNW 1.1 6.9 VARIABLE ! CFLM 3.8 ///// 36.8 17.4 1.0 • 2 100.0 11.7 27.5 7.5

TOTAL NUMBER OF CHISERVATIONS: 9 ()

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PEPIOD OF RECORD: 77-86

100 000 0 31	·		. 			•	RIND
N	1.5	4.0	3.7	1.4	•2	10.8	7.1
NNE	1.1	2 • 8	2.3	• 5		6.7	6.4
r.E	1.4	1 • 2	• 2	• 2		3.0	4 . 4
E NE	.8	• 8	. 3			1.9	4.6
£	1 • 3	1.9	• 3			3.5	4 • 1
ESE	.5	2 • 9	1.0	• 2		4.5	5.6
SE	1.1	3.2	2.9	• 6		7.8	6.5
5 5 E	2.3	4 • 1	3 • 3	• 9		10.5	6.2
2	7.5	5.7	3.7	1.6	.2	18.9	5.4
554	3.7	1.0	1 • C			6.5	3.8
24	1.7	. 9				2.6	2.8
% S W	1.5	. 4	• 1			1.5	3.1
•	• 2	• 2	• 2	• ?		.9	7.5
in few	ن ا	• 3		• 1		. 8	5.3
Na		. 4	. 1	• 1		1.3	4.5
254		• f.	• 4	• 6		2.5	6.8
ANTINEL	1 • • • • • • • • • • • • • • • • • • •		•••••	••••••			•••••
CELM		,,,,,,,	///////	,,,,,,,,		/ 16.5	111111
TOTALS	25.7	71.4	19.5	f + ti	• 4	100.0	4.7

TOTAL NUMBER OF GREENVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 727665 STATION NAME: DYESS AFB TX

77-86 PERIOD OF RECORD: MONTH: OCT HOURS(LST): 2100-2300 #IND SPEED IN MNOTS 11-16 17-21 22-27 28-33 34-40 41-47 4°-55 GE 56 TCTAL DIPECTION (DE GREES) 2 WIND te 1.3 . 1 6.6 2.5 3 . 3 **.** 1 3.3 6.7 NNE • 3 1 . 7 1.2 2.3 5.0 ΝE 1.4 . 4 ENE . 9 6.3 . 1 2.9 E 1.7 • 3 . 1 4 • 2 1 . 2 5.3 ٠, 1.0 2.2 FSΕ . 5 . 1 SE 3.5 6.9 7.7 SSE 4 . 1 11.8 6.9 2 . 2 3 . 7 5 6.5 6.2 6.2 2.3 . 3 . 1 21.6 6.4 5 S W . 1 7.4 4 . 2 3.2 3.1 Sw 2.3 . 8 • 2 2.0 4.6 ٠, 5 • 9 WSW . 3 . 8 7.1 . 1 . 8 4.6 k N# . 2 • ? 4.3 1.6 . 9 . 4 NW . 9 2.0 5.2 VARIABLE CALM 21.3 ////// 100.0 21.9 25 . 4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-86 MONTH: OCT HOURS(LST): ALL #IND SPEED IN KNOTS
DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) 1 WIND 9.6 7.8 3.0 . 5 N 1.3 3.3 1.5 • 3 7.8 NNE . 4 1.4 1.6 . 7 . 1 4.2 . 7 ۰ ۵ • 6 • 3 2.4 6.1 1.4 5.3 ENE . 5 . 6 . 3 . 1 • 0 4.7 . 6 1.1 . 3 . 0 2.1 Ł 1.2 . 5 2.3 5.4 ESE ٠, . 1 . 5 1.5 1.7 • 5 4.6 6.6 SE 1 • " 3.2 7.3 SSE 19.2 3.6 1.8 . ? 21.3 7.5 4.0 . 4 - 1 5 4 . C 9 . 6 7 • 1 2.4 3.3 1.6 . 1 9.9 6.9 5 S N 2.6 1.4 1.2 . 5 • 3 6.1 SW 1.2 . 9 •5 5.5 . 11 . 8 • 2 2.6 . 4 . 7 • 7 . 2 . 1 2.6 6 . 2 . 2 5.3 . 8 . 3 1.8 • 6 h led 1.0 . 5 . 2 2.7 5.1 N. 1.0 • ? fi felse . ; 1.4 1.0 • 5 3.9 6.4 VARIABLE CFLM 14.2 ////// 100.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): D000-0200

								MONTH:	NOV	HOURS ILS	1): 0000-	0200
IRECTION DEGREES)		4 -6	7-10		17-21 22-2	EU IN KNOTS 7 28-33	34-40	41-47	48-55	GE 56	TCTAL	ME A N
lu l	. 5	2.7	3.1	2.7	•••••		•••••	• • • • • • • •	•••••	••••••	9.3	8.4
จพย	. 7	• 7	1.1	. 6							3.0	7.3
ħE !	• 1	• 9		. 1							1.1	5 • 2
ENE	. 3	• 3	• 2								. 9	4 .6
E	.9	• 7	.2	• 1							1.9	4.7
E S E	. 4	• 6	• 3								1.3	5.3
SE !	. 4	. 4	• 6	. 1							1.8	6 •5
5 2 2	1.4	1.9	2.2	. +	• 3						6.7	7.5
S	4.5	4.0	5.7	4.9	• 7						20.3	7.7
SSW !	3.5	1.0	3 • C	2.8	• ĉ						11.7	7.0
S	2.4	1.9	1.6	. 3	• 2						6 • 4	5.5
HSH !	. 9	• H	1.3	. 4							3 • 4	6.5
w	1 • 1	1 • 6	. 4	• 2							3 • 3	4.8
whw	. 8	1 • 4	1.0								3.2	5.3
Na !	1.2	1.0	• 9	.2							3 . 3	5.2
11 N W	1 + 3	• 5	. 8	. 4							3.3	5 •6
VARIABLE	• • • • • • • •	•••••		• • • • • • •			•••••	• • • • • • •	• • • • • • •	•••••	•••••	••••••
CALM 1		(11111)	,,,,,,,,	////////	,,,,,,,,,,,,,	,,,,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,,	18.9	111111
TOTALS	21.8	21 . 6	22.7	13.7	1.4						100.0	٠.5

COC : CROITAV SEED TO SERVATIONS: 900

GLOBAL CLIMATGLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

MONTH: NOV HOURS(LST): 0300-0500 STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

									MONTH:	NOV	HOURS (LS	1): 0300-	05 30
	1	•••••	• • • • • • • • •	• • • • • • •	ı I	ND SPEED	IN KNOTS	· • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •	** *** * * * * * * * * * * * * * * * * *
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TGTAL 3	ME AN Wind
N	1.6	1.0	3.8	2.2	• 3	•••••	••••••	•••••	• • • • • • • •	•••••		9.7	a .2
NNE	.3	. 8	. 8	• 3								2.2	7 .4
NE	.1	• •	. 6									1 • 4	5.8
FINE	. 4	• 6	• 2									1.2	4.5
ε	. 3	. ?	• 2									• 4	4.8
FSE		• 7	• 2									1.7	3.8
SE	. a	1.0	• 6									2.3	4.9
5 S.F	1.5	1 • A	1.2	. 3	. 1							5.2	5.9
5	4.5	3.4	5.2	4.9	•6	•1						18.2	7.9
SSW	3.1	1 • 7	2.7	2.0	• 1							9.6	6.9
Sw	2.5	1 • •	1.7	. 7	. 1							6.2	6.2
454	1.1	• 7	1.8	. 9								4.4	7.2
•	1.1	1.3	. 8	• 1								3.3	5.0
พพพ	1 - 1	1.1	1 • 4	• 1	• 1							3 + 9	5.9
No.		1.2	. 8	• 1								7.9	5.3
*2 NoW	1.6	1.9	1.9	. 4								5.8	5.4
VAHIARLE		•••••	••••••	• • • • • • • •		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • • •	•••••
CALM		///////	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,,	,,,,,,,,,	///////	,,,,,,,,	//////	,,,,,,,,	21.0	111111
TOTALS	1 20.9	20.6	23.8	17.1	1.,	• 1			,			100.0	5.3
	1												

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAG FROM FOURLY OBSERVATIONS.

STATION NUMBER	R: 722665	STATION	. NAME:	DYESS AF	fi Tx				PERIOD Month:	OF RECOR	D: 77- HOURSILS1		08 00
•••••		•••••	•••••	• • • • • • • •			IN KNOTS		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••
DIRECTION (DEGREES)	į.	4-6	7-10		17-21	22-27	2 A-3 5	34-40			GE 56	TOTAL	ME AN
h	1.6	2.0	4.4	3.0	. 3		••••••	• • • • • •	• • • • • • • •	••••••	• • • • • • •	11.4	a .7
*} 74 E	.3	• 7	•2	1.0								2.2	9.8
% F		. 3	.3	• :	• 1							1.4	6 • 3
FNE	.4	٠,										1 • 3	4 • 1
ŧ	.6	. 1										. 7	2.5
+ SF		• ?										. 4	3.5
5 e	.7	1.1	• 8	• 3								2.9	6.4
, <u></u>	7.0	1.6	1.2	• 8								5.6	5,9
5	3.4	4 • 4	3.9	5.0	. ?							15.9	7.5
5.5%	1.9	1.€	2.8	1.0								7.4	6.8
5.6	1.5	۵.	1.5	1.0								5 • 3	6 .4
* 5 *	1 1 1 1	• 7	1 • 4	1.2								4.4	7 .e
•	1.7	1 • 4	• 4	• 3								4.3	5 • 1
is N to	1.5	1.9	1.7	• :								5 • 4	5 • 3
fe tid	1.0	2.7	1.1	• 3								4.6	5 • 3
N. N. w		1 • 7	2.6	. 4								5.4	6.9
VARIABLE	• • • • • • • • • • • • • • • • • • •		•••••	•••••	•••••	• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • • •	•••••	•••••
CAL	i , , , , , , , , , , ,	,,,,,,,	1111111	11111111	1111111	///////	,,,,,,,,	//////	11111111	,,,,,,,	,,,,,,,	21.1	/////
TOTALS	17.6	21.9	23.3	12.7	1.3	•1			•			100.0	5 •4

CLOBAL CLIMATOLOGY DRANCH PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM MOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 77-86 STATION NUMBER: 72266" STATION NAME: DYESS AFE TX

									MONTH:	NOV	HOURS (LS	T): 090C-	1100
•••••		• • • • • • •	••••••	• • • • • • • •		D SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••
DIPECTION (OFGPEES)		4 -t	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN Wind
N	1 .5	2.2	5.6	6.0		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	15.0	9.8
**	; · '	. • ‹	3.0	0.0	• •							13.3	7.5
*2745	! . <u>:</u>	1 • 1	• 6	. 7	• ?							3.1	e • 2
h.e.	• 1	• ¢	• 3	٠٤								1.9	7.5
F NE	•:	• 6	• 2	• 2								1.2	6.5
f.	.4	1.7	. 7	• 1								2.2	5.7
E 5E		• 7	. 4									1.4	4 . 8
۲٤	! ! .4	• 7	1.1	• 2								2.4	6.5
<i>5 ک</i> د	.,	1.0	2.2	• 9								5.7	7 .4
\$	1 1.5	3 . 7	6.2	5.4	. 6							17.9	9 • 3
: Sw		:.0	3 . €	3.6	. 1							9.1	9.8
5.	, 7	1.1	2.0	2.3								5.8	9 • 3
w.s.w	l ! .6	1.1	2.0	1.6	• 1							5.3	6.6
	. 9	• 6	1.4	1.1	• 1	• 1						4.6	8 • 0
No Police		٠,	1.2	. 4	•1							3 • 4	7.1
fusi		1.0	2.1	1.2								5.2	7.9
Fa Tabl	1 • 2	1.7	3 • F	1.6								8 • 2	9 • 0
VARIABLE							••••						•••••
CALM	,,,,,,,,	11/1///	,,,,,,,	,,,,,,,	///////	1111111	,,,,,,,,,	//////	11211111	,,,,,,,	11111111	7.6	111111
TO TALS	10.9	20.7	33.7	26.3	1.5	•1						100.0	7.9
		. 							'				

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

PERIOD OF RECORD: 77-86 STATION NUMBER: 722665 STATION NAME: DYESS AFB TX MONTH: NOV HOURS (LST): 1200-1400 WIND SPEED IN KNOTS
DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-4C 48-55 GE 56 (DF GREES) ! WIND Ē • 8 7.1 10.1 NNE 1.0 2.0 1.0 . 4 4.8 8.9 • 3 2.1 ħΕ . 7 . 7 . 7 . 1 5.5 1.3 5.8 • 3 . 6 3.4 Ε . 9 1.9 5.1 .6 . 1 2.9 4 . 3 E SE . 3 • 9 • 2 . 1 SE 2.6 6.6 . 2 5.2 7.9 2.0 1.3 SSE 1.1 S 7.0 6.9 18.3 • 3 3.5 . 6 10.0 9.7 10.9 5.7 9.5 SW 2.8 4.1 9.4 W SH • f. 1.7 1.6 . 5 . 5 i - 1 2.0 1.7 . 3 5.7 9.6 ٠, • 1 4.3 8.6 1.2 1.7 7.1 NW 1.1 • 6 . 1 A NW VARIABLE CILM

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

#ENTOD OF MELOND: 7/-86 MONTH: NOV HOURS(LST): 1500-1700 | AIND SPEED IN KNOTS DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL HEAN (DEGREES! ((DEGREES) 1 WIND 5.6 .3 .1 16.2 te 9.5 1 • 1 2 . 3 16.2 NNE . 8 2.0 1.2 7.0 7.6 . 9 NE , É 1.1 2.6 5.6 . 4 • 3 ENE . 4 6.7 1 . 3 1.3 4.1 5.0 ESE . 4 1.5 • 3 1.6 4.8 SE ٠£ • 9 • 7 2.0 5.2 1.9 . 7 5.8 7.6 c . 4 5 1.0 9.€ 20.9 4 . 6 8.6 2.0 SSW 3.6 2.4 . 3 8.7 9.0 S₩ 1.9 • 2 9.3 . 9 WSW • 2 . 2 . 8 2.7 8.5 2.3 . t 1.1 1.5 8.4 LNE 1.2 . 3 2.6 8.1 1.2 1.1 , H NW • 0 3.9 7.4 2.8 1.3 NAME 1 . 2 1.0 7.6 VARIABLE 1 CALM 2.9 ////// TOTALS 22.1 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

STATION NUMBER: 702665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 77-86

(DEGREES) 1 WIND 2.4 .6 7.7 NNE 1 - 1 2 • 2 1.8 . 7 . 1 5.9 6.8 NE 1.0 1.3 1.0 3.3 4.9 • 2 FNE • 2 • 9 1.2 4.8 Ĺ. . 9 1.2 3.7 5.5 ESE • 9 3.2 1.1 1.9 • 3 1.0 2.9 Sξ . 3 4.6 5.2 5 5 5 2.1 2.7 1.8 . 4 7.3 5.4 S 5. 3 5.4 5 • C 1.6 20.3 5.7 1.7 SSW 3.1 1.4 . 4 6.7 5.0 S # 1.7 1.1 . 4 3.2 3.8 . 1 3.2 1.0 1.6 . 6 1.0 . 3 1.4 5.7 3.2 . 4 . 4 . 1 . 5 . 1 7.2 HNW 1.4 . . Ne 1.0 . 4 . 1 4.5 NAM 1.3 . 1 6.8 CALM 17.0 ///// TOTALS 30 - F 21.4 6.6 100.0

PERCENTAGE FREGLENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER	P: 722665	STATIO	NAME:	DYESS AF	B TX				PERIOD MONTH:	OF RECOR		-86 T): 2100-	2300
DIRECTION LOEGREEST		4-6	7-15	11-16	17-21	40 SPEED 22-27	IN KNOTS 28-33	•	41-47	48-55	GE 56	TOTAL	ME AN WIND
N	ļ i.c	2.1	3.7	2.9	• 3	• • • • • • • •		•••••	•••••	••••••	••••••	10.0	8.8
NNE	.7	1.6	1.0	• 5								4 • 1	7.0
r•E	1.0	• 6	• 4									2.2	4.5
ENE	.1	1.1	• 3									1.6	5.5
τ	. 2	1.0	• 3	. 1								1 • 8	5.6
E SE	.4	1.0	• 3	• 2								2.0	5.9
SE	1 1.2	1.1	• 5	• 1								3.0	4.8
SSE	2.9	2.4	2.3	. 4								8.6	5.9
\$	1] 3.9	4 • 6	6.4	5.2	• ′							20.6	8 • 1
5.5 h	! ! 3.9	2.42	3.0	1.1	• 1							10.3	6.1
Sw	1.1	• ?	. 7	• ?								2 • 4	5.8
พรพ	 1.2	٠٤	. 7	• 2								2.7	5.6
.	1 1.4	1.2	. 7	. 4								3 • 8	5.4
w faw	.7	. 7	• 3	. 7								2.3	7.3
ьы	. 9	• P	• 3	• :								2.2	5.1
NNW	1.0	• 7	•8	• 1								2 • 8	5.0
VARIABLE	: • • • • • • • • • • • • • • • • • • •	•••••		•••••		• • • • • • •			• • • • • • • • • • • • • • • • • • • •		•••••		
	 , , , , , , , , , , , , , , , , , ,		,,,,,,,,,	////////	///////	,,,,,,,,	,,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,	19.7	111111
TOTALS	21.9							• • • • • • •				100.0	5 •4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ALL

PERIOD OF RECOPD: MONTH: NOV HOL STATION NUMBER: 722665 STATION NAME: DYESS AFP TX 77-86 HOURS (LST):

1	• • • • • • •	• • • • • •	••••••	• • • • • • •		O SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	•••••
DIFECTION IDEGREES)	1 -3	4 -6	7-10	11-16	17-21	22-27	28~33	34-40	41-47	48-55	GE 56	TETAL	ME A N WIND
N	1.2	2 • 5	4.9	2.7	.4	ຳາ	• • • • • • • • • • • • • • • • • • • •	•••••		• • • • • • •	• • • • • • •	12.8	9.0
NNE !	. 6	1.2	1.3	• 8	- 1							4.0	7.7
NE I	. 5	• R	.5	. 1	• 2							2.0	5.6
ENE	• 3	• 7	• 2	• 1								1 • 3	5.4
E	. 7	. 9	. 6	. 1								2 • 3	5.1
E S E	. 6	• 7	• 2	• 0								1.6	4.5
SE	. 7	1.1	. 7	• :								2.7	5.7
32.2	1.6	1.9	1.9	• 5	. 1							6.2	6.6
5	3.1	4 • 6	6.1	4.7	• 5	•0						19.0	8 - 1
ssu (2 • 2	1.6	2 • 8	2.3	• 2							9.1	7.7
Z W	1 • 2	1.1	1.6	1.0	. 1							5.0	7.2
wsw !	. 8	• 7	1.2	. 8	.0							3.6	7.6
,	1.1	1.1	1.2	. 7	• 1	•?						4 • 2	€ .8
 ਜ਼ਾਵਿਕ [. 9	1.1	1.0	. 4	• 1	٠,٦						3.3	6.7
Ner I	1.0	1 • 1	1.1	• 5	• 3							3.6	6.3
N N se	1 • 1	1 • 4	2.1	• 9	• 0							5.4	7.2
VARIABLE 1			•••••	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	
1	,,,,,,,,,,	,,,,,,,	11111111	11111111	11//////	.,,,,,,,,		1111111	///////	,,,,,,,,	,,,,,,,,	13.7	111111
TOTALS	1*•5	22.4	27.5	17.1	1.5	•1						100.0	6.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

77-86

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PEPIOD OF RECORD:

PERMIND OF RECORD: 77-86

MONTH: DEC HOURS(LST): 0000-0200

| WIND SPEED IN KNOTS
| Direction | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (DEGFEES) | ******************** 4.3 8.6 ħ. 2.0 3.0 4.6 . 4 . 1 4.9 NAE 2.0 1.2 6.6 1.1 . 4 . . . 9 . ! 2.2 7.2 NE • 1 . 9 4.1 ENE • 3 **.** f4 5.0 Ε . : . 1 • 6 . 2 • 2 • 5 ! SE • 1 5.2 . 4 . 1 . 1 1.3 4 . B • 6 SE 1.9 1.3 1.1 • 1 7.2 5.5E 1.0 17.0 7.5 5 . 1 3.9 . 4 5 3. : 4.3 SSW 1.7 2.8 3.1 1.2 9.5 7.6 1.9 1.9 6.5 1.8 1.0 SW • 6 1.3 - 6 3.9 6.6 K 5 W 1 - 3 1.7 1.6 1.4 . 9 6.0 1.0 5.0 1.5 .6 . 1 N is a . 6 2.7 5.5 1.1 h.w 1.0 NNE 2 . 3 1.5 . 3 5.7 VARIABLE ! CALM 15.2 ////// TOTALS 100.0 6.0

AIR WEATHER SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OFCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAGE FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFE TA

PERIOD OF RECORD: 77-86
MONTH: BEC HOURS(LST): 0300-0500

									MONTH:	BEC	HOURS (LS	11: 0300-	05 OC
	1	•••••	• • • • • • • • •	• • • • • • •	win	D SPEED	IN KNOTS	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • • • • •	••••••
DIPECTION (DEGREES)		4 -6	7-10		17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	ME A N W I № U
N	1.2	3 • ₽	4.6	4.6	•5	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••			14.2	9.2
N NE	.9	• 6	1.1	1.3	• 3							4.1	6.2
NE		• 3	. 4	• 2	• 1							1.3	C. 9
ENE	. 4	• 6	• 1									1.2	4 . 2
E	٤.	• 2	• 1									1.1	! • 1
5 2E	!	• 1										. 1	° • C
SE	.5	1.0										1.5	3.5
SSE	1.6	• •	1.0	. :								3.8	r • 4
S	3.2	3.2	4.2	7.4	٠٤							14.7	7.9
5 5 k	2.8	3.5	2 • 5	7.6	• 3							10.8	7.4
Sw	1.6	2.3	1.8	1 • 3								7.0	7.0
w 5 w	1.2	. 5	1.2	• 4								3.4	7.0
¥	2.0	2.7	1.1	. £								6.0	5.5
Witew	.9	2.9	1.2	• 1	• 1							5.2	5.5
teal	1.2	1 • 7	. 4	• 2								3.7	5 • 2
* NW	1.4	2.0	2.5	• 2	.:							6.2	6.0
VARTABLE	•••••••	• • • • • • •		• • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • •	
	 	.,,,,,		,,,,,,,,		,,,,,,,,		,,,,,,		,,,,,,,		15.0	
	1	,,,,,		.,,,,,,,	.,,,,,,,	,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.,,,,,,,,			13.8	,,,,,,
TOTALS	10.5	24 • 4	21.7	16.0	2 • 🖰							160.0	6.0
	·							• • • • • • •					

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATRIBLES SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER	P: 722665	STATION	. NAME:	DYESS AF	F TX				PERIOD :	OF RECOR		-86 (): 0600-:	08 00
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • •			TN KNOTS		• • • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••
DIPECTION IDEGREEST	I	4 -6	7-10		17-21	27-27			41-47	48~55	GE 56	TOTAL	ME AN Wind
t _i	1.2	3.2	5.6	5.2	.3		••••••		•••••	• • • • • • • •	•••••	16.1	8.9
N NE	.4	. 7	. 5	1.1	• 2							2.6	10.0
NE	.3	. 4	. 4									1.2	5 • 1
E 14E	.2	• ?	• 2									• 6	5 •8
£	i • •	• 1	• 2									1.3	3.6
ESF	. 2		. 1									. 3	4.3
55	.5	. 4	.?	• 1								1.4	5 • 4
5.58	1.4	1 . 3	1.4	• 5								4.6	6.1
2	2.9	3 • ₽	3.3	?•9	• 5							13.4	7.7
5 S W	1 • 2	2 • 7	3.1	1 • 7	•3							8.9	7.7
24	1 1.7	1 • =	1.8	1.4	- 1							6.9	7.2
WSW	1 1 2	1 - 1	1.6	• 5								4.5	6.5
•	l 1.5	2 • 8	1.8	• 1								6.2	5 • 3
₩ N.J	۶ . ۱ ا	3 • 1	1.2	• 2								5.4	5.5
NW	l 1.5	1.9	. 9	• 1								4.4	4.8
Pa Pale	. 5 	2.3	1 • 3	• 4	•2							4.7	7.0
VARIABLE		•••••	•••••	• • • • • • • •	•••••	•••••	•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	••••••
CALM	! !!!!!!!!!!	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	///////	,,,,,,,,,	,,,,,,	17111111	///////	,,,,,,,	17.6	111111
TO TALS	 16.6	26.00	23.9	14.3	1.6							100.0	5.9

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): D900-1100 STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

LPECTION DEGREESI		4 -6	7-10	11-16	17-21	22-27	IN KNOTS 29-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN
	1.3	2.8	5.3	7.1	1.2	.2	• • • • • • • • • • • • • • • • • • • •	• • • • • • •			•••••	18.4	10,1
NNE	.5	. 9	1.5	1.2	. 1	- 1						4.3	9.0
NE	.6	1.0	. 1	• 2								1.9	4.7
E #E	.2	. 9	• 2									1.3	5.6
E	.9	• 6	. 1									1.6	3.7
ESE	.6	. 4	• 2									1 • 3	4 .8
SE	.5	• c	1.0	• 2								2.3	6.6
SSE	1.2	1.2	1.4	1.4	• 3							5.5	8.3
s	1 .5	2 • ?	4 . 4	3.2	1.5	. 1						11.9	10.2
S S W	.5	1 • 3	3 • 4	?• 7	• 5							9.5	10.3
SW	1 - 5	1.0	1.4	2.6	• 1							6.3	8.8
WSW	. P	1.1	2.5	1.7	• 1							6.1	8.9
`	1.2	1.5	2.3	1.1	. 1	. 1						6.2	7.5
is New	1.4	1.2	1.3	1.1								4.9	6.9
NW	1.5	2 • 3	1.8	. 4	• 1							6.1	6.1
N. N. W	.5	1.9	2.6	1.2	. 1							6.3	7 .8
AHIABLF	· · · · · · · · · · · · · · · · · · ·		•••••	• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••	•••••	•••••
ALM		111111	11111111	////////	///////	///////	,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,,	5.9	//////
CTALS	14 • 2	20 • 6	29.5	25.1	4 • 2	•5			,			100.3	8.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FPLCUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 1200-1400 MIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN IDE GREEST | NIND 2,3 6.7 • 1 20.0 9.6 3.0 6.9 1.1 NNE 1.5 1.0 1.2 1.7 . 3 5.7 8.7 7.E . 4 1.0 • 5 . 1 . 1 2.2 ENE . 3 ٠,9 . 8 2.4 5.1 F . 5 1.1 . 1 . 1 1.8 4.7 ESE . € • 3 . 1 1.1 3.3 55 ٠.: • 6 .6 1.6 5.7 < 5 F 9.3 1.0 • 3 . 5 1.8 . 1 3.7 S 1.2 . 4 1.2 5.1 4.7 12.6 10.8 554 ٠, ۶ 2.7 . 8 8.6 • 3 11.6 . 6 . 6 2.8 8.1 10.2 7.0 . 5 9.2 : SW 1.2 1.8 . 1 7.0 • 5 • 6 2.2 1.5 • 3 5.8 9.9 1.7 9.6 NW . 9 2.2 . 8 1.1 . ! . 1 5.1 7.9 1.44 1.5 2.9 1.7 . 1 VARTABLE 1 CALM tomental and the territoria and 2.4 ///// TOTALS 100.0 16.3 29.7

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOLKLY ORSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(LST): 1500-1760

MIND SPEED IN KNOTS

7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL PEAR DIRECTION IDEGPEEST ! ĸ 2.7 6.7 4 . 4 . 9 1.7 2.7 7.1 9.4 NINE 1.4 . 8 1.2 1.1 . 4 3.4 5.9 Ν£ ENE • 5 . 3 • 1 1.9 7.1 £ 1.3 • 3 4.5 • 6 . 8 . 1 . 4 . 2 4.4 ESE 1.5 SE . 4 1.1 • 5 • 3 6.2 1.2 7.8 1.1 S 5.6 4.7 9.6 . 6 2.6 • 3 13.9 • 5 1.5 2.5 1.4 8.5 1.5 WISW . 4 1.5 1.6 . 1 4.6 8.8 1.7 • 5 8.1 • 3 ۶. . 9 1.5 1.5 . 4 • ć 1.4 . 1 7.3 NW NNW 1.1 1.2 7.7 VARIABLE | CALM 3.0 ////// TOTALS 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 1800-2000 WIND SPEED IN KNOIS 17-21 22-27 29-33 34-40 DIPECTION ! 7-10 11-16 41-47 48-55 GE 56 TETAL MEAN EDEGREEST ! 1 WIND • 3 16.2 7.5 2.4 4.9 5.7 2.9 • 2 9.2 NINE 2.9 • 3 1.9 2.6 , ç , t, . 1 2.5 NE • ? . 6 7.6 £ til . 5 ۰¢ . 2 • 1 1.7 5.1 E 1 . 4 1 . 2 . 1 • 1 4.0 1.3 3.8 ESE . 5 . 5 . 1 6.9 SF . 8 1.0 1.1 . 4 3.2 1.5 2.9 7.1 5.50 • 2 13.0 7.0 5 2.7 4.7 2.8 2.6 4.5 5 SW 4.0 3.1 1.3 . 4 8.8 . 2 4 . 3 2.0 SW 2.6 1.5 3.5 4 . 1 1.4 . 5 . 1 WSW ٠, 1.1 . 3 . 4 2.7 5 . 7 • 7 . 2 . 1 4.7 • 6 . 9 4 .4 . : . 1 NW . 4 4.5 DNA 1.3 . 8 . 1 VERTABLE 16.7 ////// CALM 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNTLY OBSERVATIONS

77-86

STATION NUMBER: 721665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(LST): 2100-2300

| WIND SPLED IN KNOTS
| DIPLOTION | 1-7 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TGTAL MEAN (DEGREES) | MIND N. 1.2 3 • 1 6 • C 13.2 8.1 t. NE 1.1 2 . 4 2.0 7.5 9.5 1.0 . 4 2.4 7.0 F 1.5 ٠, • 7 . 1 . . Ł 1.6 4.3 . 5 • 3 . 9 3.5 1.7 SE • 3 . 3 1.9 5.56 1.1 2.7 1.6 ٠, 6.3 6.7 . 6 . 1 15.4 8.0 5.1% 2.4 2.9 2.5 1.4 . 4 - 1 10.8 1.4 54 4. 7 1.0 • 3 4.9 . 3 3.2 4.5 1.7 2.2 1.1 . 5 4.8 5.6 • 6 . 4 . 3 2.0 1. 4 1.1 1.1 . 3 4.5 2.0 . 3 VIPIABLE 15.8 ////// TOTALS 21.0 17.5

CLOBAL CLIMITOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREGLENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX PEPIOD OF RECORD: MONTH: ALL HOURS (LST): ALL #IND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TO TOTAL IDEGREEST ! * MIND 14 3.C 8.8 NNE . 5 1.1 1.3 . 9 . 1 . 3 4.0 8.1 ħĒ ٠, ۰, . 3 • : 6.5 2.7 . 5 E NE • 3 . 5 . 1 • 0 .0 2.0 5.7 . 3 • 2 Ĺ 1.3 . 8 • 0 5.4 ! SE . 6 1.1 . 9 . 2 • 0 2.9 6.1 SE . 4 1.9 2.0 . 8 . 1 •3 5.5 7.1 1 SF 1.6 3.3 4.0 2.3 • 3 • 7 11.5 5 2.9 • 1 • 0 21.7 8.4 55% 2.0 2.9 1.9 . 2 1.6 •0 9.6 7.9 Sw 1.0 1.2 1.2 . 1 • 0 4.3 7.1 WSw ٠ŧ • 7 •8 • 5 • 0 • C 2.6 7.3 • 9 . 1 • i • 0 • 3 3.4 7.5 . 6 • 3 . 7 • 6 . 1 •0 • C 2.3 6.9 NH . 6 . . . 7 . 3 • 0 •0 • C 2.5 6.6 NAM 1.0 ٠Ĵ • C 7.4 VARIABLE 1 CELM 10.3 ///// •0 • 2.3 17.6 . 0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR mEATHER SERVICE/MAC PLACENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE AND/OR CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES HIND SPEED IN KNOTS DIRECTION | 11-16 17-21 22-27 28-33 34-40 41-47 48-55 MEAN IDEGREES) 1 WIND N 12.3 9.1 NNE 1.0 3 . 3 3.8 2.5 .2 10.3 7.9 NE 2 - 4 1.1 • € 6.4 6.9 . 6 1.2 ٠, . 2 F NF 1.6 3.8 5.9 £. 1 • 2 2.2 1 . 3 • 3 ESE 1.1 • 3 6.2 . 7 1.2 1.5 • 1 SΕ • tı • 3 7.3 SISE . t 1 . 7 2 • 3 1.7 8.3 S • 5 • 3 5 SW 7.1 5₩ • 3 • 1 • 0 4.4 • 0 • 0 5.0 . ? • 3 • 0 10.8 • 3 • 2 • 5 • 1 7.8 WINE • 3 1.4 ۰۰ 1.0 . 4 • 0 Na 7.2 NAME 2.7 CALM 33.2 • 1 100.0 26 + 3

PPPPPPPP	44444	RRR	PRRRR	11111111	000000	00
FPPPPFPP		RRR	PRRRRR	11111111	000000	000
РР РР	AA A	A RR	RR	T T	DD	DD
рр рр	AA A	A RR	ЯR	11	00	00
PPPPPPPP	A A A	A RRR	RRRRRR	TT	DO	00
PPPPPPPP		A RRE	PRRRR	11	DD	DD
PP	*****	A RR	RR	11	DD	DD
PP	AA A	A RR	RR	11	DD	00
FP	A AA	A RR	ĸR	TT	000000	DDD
PΡ	A A A	A RR	RR	TT	000000	000

CETLING VERSOS VISILILITY AND SKY COVER SUMMARTES

CEILING VERSUS VISIBILITY SUMMARY

THIS SEMMARY IS A BIRVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "O" THROUGH EQUAL TO UP GREATER THAN 23,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO UP CREATER THAN 10 MILES.

DATA DERIVEC FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION FRESCRIED BY THE STARDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMEINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS OFFORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THE PEFORE THE COLUMN. FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPLAY BLANK.

AS A RILE, AIRMAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER LONG STATIONS REPORT MIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN LIMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE LISHESARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOR", ALL CEILINGS AROVE SOOT FEET WERE SUPPESSED TO SO. 2 FEET. THE REFORE, NO HERCENT VALUES APPEAR ABOVE SOOD FEET.

SHY COVER SUPMARY

PRESENTS PERCENTAGES OF SMY COVER IN EITHER LUTHS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

CHAIR SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED APE MEAN SKY COVERS.

FOR ALFWAY STATIONS. THE CONVERSION FROM THE ALAWAYS DESIGNATIONS TO 1016 FOR PRESENTATION ARE:

CLEAP	-	U/13
SCATTERED	•	3/10
pronet.	-	9/10
O VERCAST	-	16/13
UPSCUREN	-	16/15

GLOBAL CLIMATOLOGY SRANCH LSAFLTAC AIR WEATHER SFRVICE/MAC

PERCENTAGE FREGUENCY OF CCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

_	-						S AFP TX					MONTH	: JAN		(LST):		
66.1	LING	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••	W 1 C 1	PILITY	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	••••••
		GE	ĹF	GE	GE	GE	LF	0 t	GE	GE GE	GE	GE	GE	GΕ	GE	GE	GE
	ET I	1.7	. 6	5	۵۱.		2 1/2			1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
																	•••••
			. 1. 4				4 6		41. 5		64.5	64.5	64.5	64.5	64.5	64.5	64.5
NU	CEIL	63.	€ 4• J	64.5	64.5	64.5	64.5	t 4 • Fi	64.5	64.5	64.5	04.5	64.5	04.5	04.3	04.5	04.2
ūΕ	100003	69.9	75.3	70.9	76.9	70.9	76.9	70.9	70.9	70.9	70.5	70.9	70.9	70.9	73.9	70.9	70.9
٤E	190001	69.9	70.3	70.9	70.9	70.9	76.9	72.9	70.9	73.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
υť	160001	69.9	7 C • 3	70.9	75.9	73.9	7 9	70.9	73.9	70.9	73.5	711.9	70.9	70.9	70.9	70.9	70.9
ĿΕ	140001	75.5	70.4	71.5	71.3	71.6	7:0	71.0	71.C	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
6E	150001	72.9	71.3	71.6	71.6	71.8	71.5	71.8	71.8	71.8	71.3	71.8	71.0	71.8	71.8	71.8	71.8
SE	100001	72.6	72.0	73.5	73.5	73.5	13.5	71.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE	90001		73.0	73.5	73.5	73.5	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
üΕ	80001		74.4	74.9	74.9	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
υE	70.01		75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
üΕ	60001		75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76 . 1	76.1	76.1	76.1	76.1	76.1	76.1
	000,					, , , ,							. •				
űΕ	50001	75.4	76.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
(sE	45.001	75.4	76.5	77.5	77.6	77.€	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
JE	40001		77.6	79.9	ز. 79	79.C	79.0	79.5	79.C	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.ũ
SE	35 001	76.6	78.5	79.6	79 . 7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
üΕ	30 00 1		30.3	61.4	31.5	81.5	81.5	81.5	91.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	61.5
GΕ	25 001	78.2	4 1 • C	82.3	82.5	82.5	62.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
£Ε	20001	79.2	92.7	84.1	84.3	84.3	F 4 . 3	84.3	94.3	84.3	84.3	84 . 3	84.3	84.3	84.3	84.3	84.3
G€	IP GOT	77.2	12.8	84.2	94.4	84.4	54.4	24.4	94.4	64.4	84.4	54.4	84 • 4	84.4	R4.4	84.4	84.4
ા દ	15001	60.3	34.2	95.6	95.8	65.8	A 😓 🙃	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	R5.9
υE	12001	61.6	85.9	87.3	87.5	87.5	e 7.5	27.5	87.6	87.6	97.6	87.6	87.6	87.6	87.6	67.6	87.6
32	10001	27. 1	£ 7.2	88.6	89.0	89.C	69.0	89.1	89.2	69.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE.		82.6	99.4	87.8	96.3	93.3	93	95.4	93.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
6E		2.9	38.9	90.3	91.6	91.0	91.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
SE		83.3	45.4	90.9	91.5	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
uŁ		03.3	95.6	91.5	92.4	92.5	9 2 . 5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
O.L	. 501	0	. , . 0	, , •3	,,,,	72.03		72.00	, , , ,						,,,,,		
GE	5 cal	63.9	95.4	92.3	93.1	94.0	94.5	94.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
Ćξ	4601	63.9	71.0	92.6	93.9	95.2	95.3	46.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
u.E	3001	P 3. C	91.2	93.1	94.2	95.7	95.9	96.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
i, E	2 43 [43.9	91.2	93.2	94.3	95.9	96.1	97.1	98.6	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2
υĒ	1501	F.7.9	91.2	93.2	94.3	95.9	96.1	97.1	98.6	98.7	98.9	99.2	99.2	99.6	99.7	99.7	99.7
ပ်န	21	63.9	71.2	93.2	94,3	95.9	96.1	97.1	48.6	98.7	98.9	99.2	99.2	99.6	99.7	99.7	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY COSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

٠.,		GIIIIE 4 ;	1.2503	3 . 4 . 2	OH HADE.	DIE.	33 11 17 1	^				FE-100					
													: JAN		(LST):		
• • •																	
CEI	LING							V 11.1	FILTTY	IN STATE	IF PIE	F.S.					
1	IN I	CĹ	GE	GE	6.E	GE	GE	G E	6F	GE	G.E	- 6 E	G €	GE	бE	GE	39
		10	t.	5	4		2 1/2		1 1/2		1	3/4	5/8				
				2									-	1/2	5/16	1/4	0
• • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		
NO.	CLIL 1	59.3	55.9	63.4	60.4	67.4	66.4	€0.4	63.4	60.4	60.4	67.4	62.4	60.4	60.4	60.4	€0.4
													_				
ű.r	200001	65.8	67.4	68.1	68.2	68.2	68.2	68.2	69.2	68.	68.2	64.2	68.2	68.2	68.2	68.2	68.2
	180001		57.4	68.1	68.2	69.2	68.2	6° • 2	63.2	63.2	66.2	69.2	68.2	68.2			
	167001														68.2	68.2	68.2
			67.5	68.2	68.3	69.3	60.3	64.3	6 à . 3	68.3	68.3	6° • 3	68.3	68.3	68.3	68.3	68.3
	140001		67.0	68.5	66.6	63.6	60.6	64.6	58.€	68.6	68.6	69.6	69.6	68.6	68.6	68.6	68.6
GE	120001	66.7	68.3	68.9	69 . J	69.0	69.0	69.0	69.C	69.0	69.0	63.3	69.0	69.0	69.3	69.0	69.0
1.F	100001	68.0	65.6	70.2	70.3	70.3	7 0 . 3	70.3	73.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
6E	10000		59.7	70.3	70.4	73.4	7 ü • 4	70.4			70.4	77.4					
									73.4	73.4			70.4	70.4	70.4	70.4	70.4
GE	80001		71.6	72.3	72.4	72.4	72.4	72.4	12.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72,4
GΕ	70001		72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
Úξ	60001	71.2	72.8	73.4	73.5	73.5	73.5	77.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GΕ	5000!	71.0	7 2 . 5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GΕ	45 601		74.0	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9			
															74.9	74.9	74.9
UĽ	40.001		74.9	75.8	75 • 5	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE	35 00		75.8	76.7	76.8	76.8	7 t . E	76.9	76.8	76.8	76 • 8	76.8	76.8	76.8	76.8	76.8	76.8
ĢΕ	30001	74.7	77.2	78.2	76.4	78.4	7 c . 4	78.4	78.4	78.4	78.4	78.4	78.4	78 • 4	78.4	78.4	78.4
GE	25 351	76.3	79.2	80.2	85.4	bC.4	85.4	89.4	9 7 . 4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
úΕ	20 40 1		-1.1	82.0	92.3	82.3	92.3	82.3	82.3	82+3	82.3	82.3	62.3	82.3	82.3	82.3	82.3
úΕ	16231																
			81.4	82.4	82.6	82.6	72.0	82.6	92.6	H2.6	82 · 6	82.6	82.6	82.6	82.6	82.6	82.6
υE	1500		82.5	84.7	85.2	85.2	05.2	85.3	35.3	a5.3	85.3	65.3	85.3	85.3	85.3	85 • 3	85.3
SE	12001	F0.2	35.2	86.3	86.7	86.5	86.9	67.3	87.C	67.C	P7.0	87.0	87.0	87.0	87.0	87.C	87.0
CE	10001	41.1	5 E . 3	87.5	89.1	68.1	90.1	36.2	88.2	88.2	88.2	89.2	88.2	88.2	88.2	88.2	88.2
GE	2001	51.7	27.3	88.7	89.4	89.4	59.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
uΕ		£1.7	- a - 1	89.8	90.4	93.4	9 6 5	90.9	93.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
-							-										_
ōΕ		81.8	2 E • 4	90.1	3.06	90•€	G C . A	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
S.E.	6 00	51.9	99.5	93.9	91.6	91.8	91.9	45.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6
t, E	5 00 l	82.C	95.E	91.7	92.7	93.2	93.5	44.1	94.4	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8
L.E.	4001	42.2	4 5 . 7	92.3	93.4	94.4	44.9	95.6	75.9	95.5	96.2	96.3	96.5	96.5	96.6	96.6	96.6
6E	1501		95.0	92.4	93.7	94.6	35/12	96.0	96.6	96.7	97.0	97.2	97.5	97.7	97.8	97.8	97.8
				_													
υĒ		c 2 • 2	19.E	92.4	93.7	94.6	35.5	16.1	97.2	97.3	98 • C	99.3	98.6	98.9	99.2	99.2	99.2
ωĒ.	1)]	£2•?	8.5.8	92.4	93.7	94.0	9.5 +2	9E +2	97.3	97.4	98.1	9 . 4	98.7	99.0	99.4	99.5	99.7
5 £	^1	82.2	85.8	92.4	93.7	94.6	95.2	94.0	97.3	, 7 • 4	98.1	98.4	98.7	99.0	99.5	99.7	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR IX

STATICA NUMBER: 722665	STATION NAME:	DYESS AFE T	x			PERIOD	OF RECO	RD: 78-	-87		
						MONTH	JAN	HOURS	(LST): (0600-08	00
CEILING			VISIPILITY								
IN I GE CE	GE GE	GE SE	CF CE	GE	GE	GΕ	GE	GΕ	GE	G€	GE
FEET 1 10 6	5 4	3 2 1/2	2 1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
•••••			• • • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • •		• • • • • • • • • • • • • • • • • • • •
.0 651. 1 55 1 53 1	67 1 67 1	53									
NO CEIL 55.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
6E 200001 62.3 64.7	64.9 64.9	64.9 64.9	64.9 64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 180001 62.3 64.7	64.9 64.9	64.9 64.9	64.9 64.9		64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 160001 52.4 54.8	65.1 65.1	65.1 65.1	65.1 65.1		65.1	65.1	65.1	05.1	65.1	65.1	65.1
GE 140001 63.5 66.0	66.2 66.2	66.2 66.2	66.2 66.2		66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12FGC 64.8 67.4	67.6 67.6	67.6 67.6	67.6 67.6		67.6	67.6	67.6	67.6	67.6	67.6	67.6
DE 121 001 0444 0744	01.0 07.0	07.0	07.0 67.6	6/.6	0/.0	0:•0	01.0	47.0	67.0	07.0	67.0
SE 100001 65.5 68.3	68.5 68.5	68.5 66.5	68.5 68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
SE 90001 65.8 65.6	68.8 68.8	68.8	6°.8 68.8		68.8	68.8	68.8	68.8	68 · 8	68.8	68.8
WE 6 GO 67.0 69.9	72.1 70.1	70.2 70.2	70.0 70.2		70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 7000 68.0 10.9	71.1 71.1	71.2 71.2	71.2 71.2	. •	71.2	71.2	71.2	71.2	71.2	71.2	71.2
9E 60001 69.1 72.0	12.3 72.3	72.4 72.4	72.4 72.4		72.4	72.4	72.4	72.4	72.4	72.4	72.4
				12.	,						
UE 50001 77.1 73.4	73.8 73.9	74.0 74.G	74.0 74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
6E 45001 70+7 74-1	74.4 74.5	74.6 74.6	74.6 74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
DE 40001 71.3 74.8	75.2 75.3	75.4 75.4	75 . 4 75 . 4		75.4	75.4	75.4	75.4	75.4	75.4	75.4
5E 35 CO1 72 C 75 6	76.1 70.2	76.3 76.3	76.3 76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
SE 30401 73.5 77.7	78.1 78.2	79.3 78.3	78.3 78.3		78.4	78.5	78.5	78.5	78.5	78.5	78.5
SE 25001 74.3 76.7	79.1 79.2	79.4 75.4	79.4 79.5	79.5	79.7	79.8	79.8	79.9	79.8	79.8	79.8
6E 20001 75.7 80.4	80.9 81.0	81.2 81.2	81.2 81.3	81.3	81.6	B1.7	81.7	81.7	81.7	81.7	81.7
of 19001 76.7 81.2	81.7 81.9	82.2 82.2	02.2 82.3	02.3	P2.6	82.7	82.7	82.7	82.7	82.7	82.7
UE 1500 76.5 42.2	82.7 83.1	63.3 93.3	83.3 83.4	83.4	83.8	83.9	83.9	83.9	83.9	83.9	B 3 • 9
GE 1759 77.0 83.4	85.2	85.4 85.4	85.5	85.5	95.8	85.9	85.9	85 • 9	85.9	85.9	85.9
5E 1000 79.2 84.9	86.08 0.08	87.0 87.0	87.1 87.2		87.5	87.€	87.6	87.6	87.6	87.6	87.6
SE 903 78.4 96.1	87.2 88.1	88.3 88.3	EF 4 86 S		8.89	88.9	88.9	88.9	88.9	88.9	88.9
GE 6201 78.8 67.2	88.3 39.4	89.6 89.6	89.7 89.8		90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 700 78.6 57.4	88.6 89.9	97.2 95.2	90.3 90.4		90.8	90.9	90.9	90.9	90.9	98.9	90.9
UE 600 77.1 F8.2	89.5 91.1	91.6 91.7	92.0 92.6	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 5001 79.1 88.9	90.3 92.4	93.1 93.2	93.5 94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6
eE 4.31 79.1 85.0	90.5 92.8	93.8 94.0	94.4 95.1		95.5	95.8	95.8	95.8	95.9	95.9	95.9
66 3001 79.1 69.0	90.5 92.8	94.2 94.5	95.2 96.2		97.6	97.4	97.4	97.6	97.7	97.7	97.7
GE 2001 79:1 89:0	93.5 92.6	94.3 54.6	95.3 96.7		97.6	98.5	98.5	98.9	99.1	99.2	99.4
0E 1001 79.1 89.0	90.5 92.8	94.3 94.6	95.3 96.7		97.6	98.5	98.5	99.0	99.2	99.5	99.8
201 7711 2715	70.0	, , , , , ,	, . , , , , , , , , , , , , , , , , , ,	, , • C	., • 0	, • J	, 0 4 3	.,•0		, . • 3	.,,,
GE 21 79.1 89.0	90.5 92.8	94.3 54.6	95.3 96.7	97.C	97.6	98.5	98.5	99.1	99.4	99.6	100.0
						•					

AIR .EATHER SERVICE/MAC

GLUBAL CLIMATCLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRINCE OF CEILING VERSUS VISIBILITY USAFLIAC FROM HOURLY CHSCRVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 0900-1120 TEING VISIRILITY IN STATUTE MILES GE SE GE CE GF GE 4 3 2 1/2 2 1 1/2 1 1/4 CEILING IN | GE FEET | 10 GE GE 1 3/4 €. 4 5/8 1/2 5/16 1/4 Э 54.3 NO CETE 1 52.7 54.3 54.3 54.3 54. 4 54.3 54.7 54.3 54.3 54.3 WE 200001 61.3 63.2 6.7.1 63.3 63.1 63.2 63.2 63.2 63.3 6E 180001 61.5 63.3 63.3 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.5 63.5 63.5 CE 160001 61.6 53.5 63.5 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.8 63.8 63.8 UE 14000| 63.3 GE 12700| 64.6 65.3 65.3 65.4 65.4 65.4 66.7 65.4 65.5 65.5 65.5 65.4 66.5 66 . 7 66.7 66.7 60.6 66.7 66.7 66.7 66.7 66.7 66.8 66.8 GE 100001 66.1 68.1 69.7 65.1 68.2 68.2 60.2 68.2 68.2 68.2 69.2 64.2 68.2 68.3 68.3 68.3 90001 66.3 6P.4 70.2 68.3 65.4 UΕ £ à. 3 68.4 50.4 73.2 68.4 73.2 68.4 73.2 69.4 70.2 60.4 68.4 69.4 68.5 68.5 68.5 SĒ 80001 68.1 70.1 73.1 70.2 70.0 70.3 70.3 70.2 70.2 70.3 73.2 71.8 70001 69.F 67001 70.9 71.8 72.0 73.1 Lέ 71.9 71.9 71.9 71.9 73.6 73.0 73.6 73.0 73.0 73.0 73-1 9:00| 71.4 4520| 71.5 4000| 72.0 3500| 72.7 72.7 73.8 73.9 73.4 71.5 73.0 υE 73.9 73.9 73.9 71.9 73.9 73.9 74.0 74.0 74.0 72.0 73.9 6 E 74 • 13 74.0 74.0 74.3 74.€ 74.6 74.5 74.C 74.1 74.0 74.0 74.0 74.1 74.1 74.4 75.2 76.3 74 . 7 74.6 74.7 74.7 74.7 74.7 74.7 74.8 74.8 74.8 74.9 74.9 74.9 75.4 76.6 75.5 (E 75.5 75.5 75.5 75.5 75.6 75.6 75.6 75.6 16.7 76.7 76.7 76.7 76.8 76.8 76.8 76.9 77.0 77.0 77.J 77.7 25001 74.5 77.3 77.6 77.7 77.7 77.7 r.E 77.7 77.7 77.B 77.8 77.8 77.9 78.1 78.1 78.1 2030| 75.8 1830| 76.0 1540| 77.0 LE 78.7 79.1 79.4 79.4 75.4 79.5 79.6 Pg.5 79.6 79.5 79.6 80.5 79.6 80.5 79.5 79.8 79.8 79.8 ĠΕ 79.2 79.3 90.2 80.3 90.3 8°.4 90.4 80.4 6r.5 6.CR 8.08 80.8 UE 32.5 61.4 62.3 62.3 82.4 82.4 62.4 82.5 87.5 82.5 82.7 94.3 54.4 84.5 84.5 84.5 84.5 84.7 84.7 84.7 10001 78.8 83.4 84.8 A5.5 85.9 95.9 86.0 86.C 86.1 86.2 86.2 87.6 86.2 86.2 86.6 86.6 86.6 940| 79.0 850| 79.1 730| 79.2 87.3 e7.4 64.6 86.0 86.8 á 7 • 3 87.4 67.5 87.6 67.6 88.0 87.6 68.0 88.0 45.1 85.3 68.4 89.2 98.8 G.F 86.7 87.5 68.2 80.2 58.5 88.7 8 - . 8 89.8 89.1 89.1 LE 86.9 90.3 89.6 91.7 88.2 89.4 89.7 69.7 89.7 89.7 93.0 90.0 90.0 91.4 91.8 91.8 91.8 91.8 92.2 92.2 92.2 (,E 5001 70.6 8 . 3 90.5 91.6 46.5 S 1 .6 92.0 93.5 97.8 93.C 93.8 93.9 94.2 93.9 94.2 94.2 92.7 93.2 93.2 4601 79.6 of 86.5 8 6 • 5 91.4 93.7 95.1 95.9 96.1 96.3 96.5 96.5 96.8 96.8 96.8 91.6 93.3 94.2 94.2 36.6 89.6 95.8 96.8 97.3 99.1 99.3 98.3 98.7 98.7 98.7 2631 79.5 97.4 9 R . 4 98.6 99.1 99.2 95.8 96.8 98.7 99.2 1201 79.6 8 t . 6 88.6 91.6 93.2 93.3 94 . 2 98.6 97.2 5 c • 6 99.2 99.4 100.0 6E 21 79.1 89.6 91.6 93.3 94 .7 95.8 96.8 97.4 90.4 98.6 98.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: 78-87 STATION NUMBER: 722665 STATION NAME: DYESS AFB TX MONTH: JAN HOURSILSTI: 1200-1400 VISIBILITY IN STATUTE MILES CETLING GE GF 3 2 1/2 GE 1 GE GE GE GE 2 1 1/2 1 1/4 Gε 5 IN 1 CE FEET 1 1 3/4 5/8 1/2 5/16 1/4 NO CETE 1 54.1 5.4.7 54.8 54 . 0 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 WE 200001 65.0 63.2 63.2 63.4 63.4 63.4 63.4 63.4 63,4 63.4 63.4 63.4 6E 187001 62.5 6E 167001 62.6 6E 140001 67.9 6 2 . 5 63.7 63.7 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.3 63.8 63.6 64.0 64.0 64.3 64 . C 65.3 64.9 65.3 65.3 65.3 120001 66.2 67.6 67.3 67.4 67.4 67.6 67.6 67.6 67.6 67.6 67.6 67.6 67.6 160001 64.2 90001 63.3 80001 70.1 70061 70.8 67.6 69.6 69.8 69.8 69.8 69.8 69.8 69 . P 69.8 69.8 69.8 69.8 69.8 ù€ €9.6 69.7 69.4 69.9 65.5 69.9 69.9 69.9 69.9 69.9 69.9 69.9 69.9 69.9 69.9 7:.6 71.5 71.6 71.6 71.6 71.8 71.8 71.8 71.8 71.8 71.8 71.8 71.8 71.8 6E 71.8 72.5 60001 71. 7 3 . 1 73.5 73.5 73.5 73.5 73.5 74.6 74.8 G E 50001 72.8 74 • 0 74.3 74.8 74.8 74.8 74.8 74 - 8 74.8 74.8 74.8 75.4 üέ 45 301 77.3 74.9 15.3 75.2 75.2 75.4 75.4 75.4 75.8 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 40001 73.4 35001 77.9 75.8 75.8 75.8 75.8 75.8 75.6 75.8 75 • 8 76 • 2 75 . 8 75.8 75.8 . E 76.2 77.4 £.E 76.9 77.1 77.2 77.4 77.4 77.4 77.4 2501 75.7 76 . 5 78.7 70.7 78-7 üΕ 78.1 78.4 78.7 78.7 78.7 78 - 7 76.7 78.7 78.7 20001 77.0 18401 77.3 -C.1 PC.9 81.3 81.3 81.3 81.3 GE 83.4 1.13 61.3 81.3 91.3 81.3 81.3 81.3 81.3 81.3 81.7 81.7 a J . 9 81.5 81.7 61.7 81.7 81 . 7 81.7 81.7 81.7 81.7 81.7 r.F 79.1 ίE 95.4 85.8 96 . 5 86.7 86.5 (. ř 10001 81.5 27.C 37.6 88.3 88.5 88.7 88.9 88.9 88.9 88.9 89.1 89.1 89.1 89.1 89.1 89.1 9001 81.9 8001 82.3 90.C 91.1 90.2 90.2 t E 89.4 90.1 90.0 91.0 90.0 91.0 90.0 90.2 90.2 90.2 90.2 d7.6 88.5 89.6 84.6 4 6 . 3 89.1 97.5 96.8 91.2 91.4 91.4 91.4 91.4 91.4 91.4 92.3 89.7 91.2 91.4 91.6 91.8 92.0 92.3 92.3 35.4 :₄E 90.4 92.2 92.9 93.3 Fig01 62.5 97.7 96.2 r.i 45.7 91.1 93.1 91.9 94.4 94.7 95.6 95.9 96.2 96.2 96.2 96.2 96.2 460| 62.5 *CF| 82.5 250| 62.5 100| 82.5 97.7 ut uE 92.3 11.3 91.4 93.6 54.4 94.6 95.3 95.8 96.8 97.4 97.3 97.6 97.7 97.7 97.7 97.7 98.2 91.4 43.9 94.5 94.7 95.4 96.1 98.6 98.8 98.9 99.0 99.0 97.7 90.5 73.9 94.5 94.7 95.4 90.3 98.7 99.7 99.8 99.9 100.0 100.0 96.3 93.9 95.4 01 92.5 96.0 91.4 1.F 93.9 94.5 94.7 95.4 96.3 97.7 98.7 99.5 99.7 99.8 99.9 100.0 100.0

GLOEAL CLIMATCLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87 MONTH: JAN FOURSILSTI: 1500-1700 06 IL 140 IN 1 GE er er VISIBILITY IN STATUTE MILES GE GE GE GE GE 2 1 1/2 1 1/4 6E 4 GE GE GE IN (FEET 1 3 2 1/2 1/2 7/4 5/8 5/16 1/4 n NO CETE 1 54.8 56.4 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 E 6 . A 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 UE 200001 65.7 67.7 GE 182001 66.0 UE 160001 66.7 GE 145001 67.7 68.1 68.7 68.1 66.7 68.7 66.1 68.7 68.7 68.7 68.1 68.1 68.7 68.1 68.7 68 - 1 68.1 68.1 68.1 68.1 68.7 68.7 68.7 68.7 68.7 69.6 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.B 69.8 SE 120001 69.8 7:.8 71.8 71.8 71.8 71.8 71.9 71.8 71.8 71.8 71.8 71.8 71.8 71.8 71.8 GE 100001 75.8 72.8 72.8 72.8 72.8 72.8 72.8 72.6 72.8 73.2 76.1 73.2 76.1 73.2 76.1 ωŧ 90001 71.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 76 .1 76.1 76.1 76.1 80001 73.8 70001 74.4 76.1 76.1 76.1 C.F 76 .1 76 . 1 76.1 76.1 76.1 76.8 76.8 76.8 ΰŁ 60001 74.9 77.2 77.2 77.2 77.2 77.2 ù.r 50 001 76.2 78.9 79.0 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.8 45001 75.9 47601 79.0 79.6 80.9 79.7 79.8 79.8 79.8 79.8 79.8 81.2 79.8 81.2 79.8 81.2 79.8 81.2 79.8 81.2 79.8 81.2 79.8 81.2 79.8 6F 61.1 81.2 81.2 81.2 61.2 81.2 81.2 35601 75.1 81.4 GΕ 82.3 82.3 82.2 62.3 82.3 82.3 82.3 92.3 82.3 82.3 82.3 82.3 82.9 83.1 83.2 83.2 83.2 83.2 83.2 63.2 93.2 83.2 83.2 83.2 83.2 83.2 83.2 ъE 25.001 79.7 27601 51.2 18271 61.5 85.2 85.2 85.7 85.2 85.7 85.2 85.7 85.2 85.7 85.2 85.7 85 • 2 85 • 7 85.2 85.7 85.2 85.7 85.2 85.7 84.6 95.2 84.9 85.5 85.1 85.1 85.1 la € 85.6 86.9 85.0 95.6 LE 87.0 87.0 19001 82.4 8€.9 87.0 87.0 87.0 87.0 uE. 10001 93.4 n 8.5 88.9 99.1 89.2 89.2 99.4 69.4 89.4 89.4 89.4 89.4 10001 83.9 90.3 99.5 90.t 90.6 92.8 90.8 90.8 90.€ 90.8 93.8 90.9 90.8 90.8 90.8 99.9 91.5 92.4 93.3 9001 84.2 8001 84.5 90.4 90.8 91.0 91.3 91.4 91.4 91.5 91.5 92.4 91.5 91.5 92.4 91.5 92.5 ŭ€ 91.5 91.5 91.5 91.5 92.4 92.6 92.6 GE 7001 94.7 92.9 93.4 93.8 93.8 93.9 94.1 94.1 94.1 í.E 95.1 96.3 96.3 96.3 CC51 54.7 91.5 92.4 94.1 94.4 94.5 95.5 95.9 96.0 96.0 96.1 97.5 97.2 1001 84.8 91.8 92.8 94.5 94.8 94.9 95.7 96.2 96.6 97.1 97.2 97.3 97.5 97.5 90.4 91.8 4001 84.8 3001 84.8 92.8 94.5 94.9 94.9 95.1 96.0 96.0 96.9 99.3 98.4 99.0 98.7 98.7 98.7 GE 97.6 98.5 98.5 99.0 99.2 99.6 99.6 99.6 98.1 ćΕ 96.3 2001 84.F 91.8 92.6 94.5 94.9 95.1 26.9 98.1 98.9 99.0 99.0 99.2 99.7 99.7 99.7 95.1 96.9 98.9 99.1 99.1 99.5 100.0 100.0 100.0 91.8 94.5 94.9 96.5 98.1 i. F 1001 84.8 92.8 96.9 i.F 24.0 71.6 92.8 94.5 94.9 95.1 95.0 98.1 98.9 99.1 99.1 99.5 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

ST.	ATION !	WHHER:	72 266 5	STATI	ON NAME:	DYES	SC AFR TX					DEDIOD	OF REC	OPD: 78	-87			
												MONTH	: JAN	HOURS	(LST):	1900-20	00	
																		•
CE	IL I¥G									IN STATE								
	I t.	l GE	CE	G E	GF	GE	LF	ն է	Ģŗ	GE	GΕ	GE	GE	GE	GΕ	GE	GF	
		1 1 7	6	5	4		2 1/2		1 1/2		1	7/4	5/8	1/2	5/16	1/4	S	
• •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •	٠
N.C	CEIL	57.0	· e • 3	58.0	59 • 0	59.D	59.0	59.0	59.C	59.€	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
	2 30 00		66.5	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	
	18000		68.9	69.2	69 • 1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
	16000		05.2	69.6	70.0	75.0	70.0	70.0	73.0	70.C	70.0	70.0	70.0	70.0	70.0	70.0	73.0	
	140 00		70.3	70.6	71.1	71.1	71.1 72.3	71.1	71.1 72.3	71.1	71.1	71.1 72.3	71.1 72.3	71.1 72.3	71.1 72.3	71•1 72•3	71.1	
υŁ	15,00	10.1	71.5	71.8	72 • 3	72.3	1	72.3	12.3	72.3	72.3	12.3	12.3	12.3	72.3	12.5	72.3	
r.F	16000	77.4	77.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
űΕ		77.1	74.6	74.9	75 . 4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
GE.		75.5	77.4	77.7	78 . 2	78.2	7 6 . 2	79.2	78.2	78.2	78.2	79.2	78.2	78.2	78.2	78.2	76.2	
	7' 67		78.7	79.0	79.5	79.5	74.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE		77.5	79.3	79.4	79.8	79.8	75.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.6	
				•			, ,							•	•			
٥F	5000)	70.7	85.8	81.2	81.6	81.€	61.6	51 . £	81.6	81.6	91.6	81.6	81.6	81.6	81.6	81.6	81.6	
∴.E	45.00	79.9	81.3	61.4	81.8	81.6	4 1 .b	81.8	91.8	81.9	81.8	81.8	91.8	81.8	81.8	å1.8	81.8	
t, E	47.0	79.E	:1.9	82.4	82.8	82.8	02.5	a2 •8	82.8	82.9	92.8	82.8	92.8	82.8	82.8	57.8	82.8	
üΕ	35 CO	79.5	-2.5	82.5	82.9	82.9	8 🗓 • 9	32.9	92.9	82.9	P2.9	82.9	82.9	82.9	92.9	82.9	A2.9	
Lξ	35 50 1	60.0	-2.6	83.2	83.8	87.9	83.9	51.9	83.9	b3.9	93.9	83.9	83.9	83.9	93.9	63.9	83.9	
UΕ		61.0	° 3 • €	34.2	94.7	84.6	84.6	84.8	84.8	84.8	84.8	84.8	94.8	84.8	P4.8	84.8	84.8	
ĿΕ		F2+2	25.7	86.2	97 • D	67.1	57.1	87.1	87.1	87.1	87.1	87.1	97.1	87.1	87.1	87.1	87.1	
CE		82.4	c 5.9	99.9	A7 • 3	87.4	97.4	67.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
ŰΕ		±2.4	95.9	86.£	87.4	87.5	b 7 • 5	87.5	87.5	87.5	97.5	87.5	87.5	87.5	87.5	87.5	87.5	
IJ.Ę	1207	63.T	6 7.4	89.2	89.0	89.1	H 9 + 1	59.1	89.1	49.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
1.5	1000	e 3 • 1	5 d • 1	88.9	49.9	90.0	95.6	93.3	90.0	90.1	90.2	90.2	90.2	90.2	93.2	90.2	90.2	
GE		27.3	5 A. S	89.6	90.5	93.9	91.0	91.0	91.3	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
GE		6 ? . 4	15.4	92.4	91.4	91.6	91.9	92.3	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
úΕ		87.9	- 9.6	90.6	91.9	92.4	92.5	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
L.E		84.0	95.1	91.3	92.8	93.4	93.5	94.3	94.5	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	
L1 .	000	.,		,	72.0	, . • •				.,.,	, ,	,		, , , ,	,,,,,	,,,,,		
ω£	5.001	84.1	35.3	91.7	93.2	94.1	94.2	95.2	95.7	95.9	96.5	96.6	96.6	96.7	96.7	96.7	96.7	
l, E		٤4.:	95.3	91.7	93.3	94.3	94.5	95.4	46.8	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	
la [7.00	64.	96.4	91.9	93.5	94.5	94.7	96.1	97.3	98.3	99.C	99.1	99.1	99.4	99.5	99.5	99.5	
⊷ E.	2 42 [H4.1	0:4	91.9	93.5	94.5	94.7	96.1	97.3	98.3	99.0	90.2	99.2	99.5	99.6	99.6	99.6	
JE	1001	64.1	90.4	91.9	93.5	94.5	94.7	96.1	97.3	98.3	99.C	99.4	99.4	99.7	99.9	100.0	100.0	
Sŧ	21	F4.1	°, C • 4	91.9	93.5	94.5	94.7	96.1	97.3	98.3	99.0	99.4	99.4	99.7	99.9	100.0	100.0	

CLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

SŦ	ATION :	UNBER:	722665	STATI	ON NAME	: DYES	XT STA 22					PERICO	OF REC	OPD: 78	-87		
													: JAN	HOURS	(LST):	2100-2	3 0 0
C.F.	IL ING	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	* * * * * *			• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • •
		I GE	C.F	GΕ	GE	GE	υf	0 F	BILITY								
	EET I		ίε	5	4	-	2 1/2		GE 1 1/2	GE	GE,	GE	GE	GE	GE.	GE	GE _
											1	3/4	578	1/2	5/16	1/4	a
• • •	•••••			• • • • • • •			• • • • • • • • •	• • • • • •	• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
NC.	1130	61.4	62.5	62.7	62.8	62.€	67.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
(F	200001	42.9	75.9	71.1	71.2		7.1										
	180001		75.9	71.1	71.2	71.2 71.2	71.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
	160001		71.0	71.2	71.3	71.3	7 1 • 2	71.2	71.2	71.2	71.2	71.2	71.2	71 • 2	71.2	71.2	71.2
	146601		71.4	71.6			71.3	71.3	71.3	71.3	71 • 3	71.3	71.3	71 • 3	71.3	71.3	71.3
	120001				71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71 • 7	71.7	71.7	71.7
.10	1-6631	/ 6 - 4	72.2	72.4	12 • 5	72.5	12.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
CE	100001	73.7	74.7	74.9	75 . 1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
€.E	90.001	73.F	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE	10008	75 . 3	76.3	76.6	76.7	76.7	16.7	76.7	76.7	76.7	76.7	76.7	76.7	76 • 7	76.7	76.7	76.7
ί£	70001	75.7	76.8	77.u	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
υE	67.00	76.2	77.4	77 · ts	77 • 7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
				-			·										, ,
GF	51001	77.8	79.4	79.6	79.7	79.7	75.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
ь£.	45.001	79.1	79.€	79.6	79.9	79.4	79.5	70.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
υE	40.001	79.7	٤٢.٤	81.0	81.1	51.1	61.1	51.1	81.1	81.1	91.1	81.1	81.1	91.1	81.1	81.1	81.1
Ū.Ē	35 00 1		46.9	a 1 • 2	61.3	81.3	81.3	61.3	81.3	01.3	81.3	81.3	81.3	81.3	81.3		
SΕ		79.1	E 1.5	81.8	82.;	82.2	2.3	62.7	32.4	82.4	92.4	82.4	82.4	82.4	82.4	81.3	£ 1.3
				0	02.01	0.1.	72.00	O	72.14	42.7	72.7	04	92.4	52.4	72.4	82.4	92.4
SE		79.5	92.2	82.6	82.9	F.7.9	F 3 . C	83.0	83.1	83.1	93.1	83.1	83.1	83.1	83.1	83.1	83.1
L.E	20001		#5.2	85.6	85.9	85.5	96.5	56.0	86.1	86.1	P6 . 1	36.1	86.1	86 • 1	86.1	86.1	E 6 • 1
(,E	18 321	51.5	~ 5 . 3	85.7	P6 . C	66.C	86.2	86 . 1	P6.2	86.2	86.2	85.2	86.2	86.2	86.2	86.2	86.2
LΕ	15001	E1.7	05.9	86.3	86 . 7	86.7	56.8	56 et	86.9	66.9	86.5	86.9	86.9	86.9	P6.9	86.9	86.9
GE	15001	£2.5	. € • €	87.2	87.5	07.5	£7.6	67.€	87.7	67.7	87.7	87.7	87.7	88.0	88.0	88.0	68.0
c.e	10001	83.1	a d • 1	88.6	88.5	88.5	44.1	c9.1	59.5	89.5	99.5	89.6	89.7	89.9	99.9	89.9	89.9
ÚΕ	أجناء	67.7	98.9	89.6	90.0	90.6	9 . • 2	90.2	90.5	90.5	90.5	90.6	90.8	91.0	91.0	91.0	91.0
υĹ	8 00 1	a 3 . 5	90.2	90.9	91.3	41.4	91.6	91.6	91.9	91.5	01.9	92.0	92.2	92.4	92.4	92.4	
SE		63.4	76.9	91.6	92.3	92.4	9	92.6	93.0	93.0	93.D	93.1	93.2	93.4	93.4	93.4	92.4
SE		d 3 . 8	3 5.9	91.6	9	93.2	73.4	93.4	94.0	94.0	94 • C	94.1	94.2	94.4			93.4
				,	/ . • •	, , , , ,	, , , , ,	7.49	74.0	94.0	74.0	94.1	94.2	94.4	94.4	94.4	94.4
!.E		P 7 . P	96.9	91.7	92.9	93.8	94.0	94.5	95.1	95.1	95.1	94.5	95.6	95.8	95.8	95.8	95.8
GΕ		3 7 . 12	41.2	92.2	93.4	54.4	44.6	95.3	96.7	96.7	96.7	97.1	97.2	97.4	97.4	97.4	97.4
üE		3 3 • E	91.3	92.3	93.5	94.6	94.5	95.7	97.1	97.6	97.6	98.2	98.3	98.5	98.5	98.5	98.5
C.E	انزز	5 t. E	91.3	92.3	93.5	44.6	94.5	95.00	97.3	98.1	99.2	28.7	98.8	99.0	99.1	99.2	99.2
(it	1001	5 3 · #	71.3	92.3	93.5	94.6	94.0	91.6	97.3	98.1	98.2	99.7	98.9	99.2	99.5	99.6	99.8
C.F	10	a7•a	91.3	92.3	93.5	94.6	94.8	95.4	97.3	98.1	98.2	98.7	98.9	99.2	99.6	99.7	100.0

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUTLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87 MONTH: JAN HOURS (LST): 411 EILING VISIFILITY IN STATUTE MILES CE IN I SE FEET I IO GF GF GE 5/8 1/2 5/16 1/4 8 0 59.7 58.7 c 3 . 7 59.7 "C CEIL | 57.1 59.6 56.7 58.7 58.7 5€.4 58 . 7 SE poddal 65.5 67.0 67.2 67.3 67.4 57.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4 CE 16707 65.8 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.2 67.4 67.5 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 GE 140001 66.7 GE 120001 66.0 66.3 68.5 66.0 69.6 58.6 64.6 68.6 69.6 68 . 6 69.6 68.6 68.6 68.6 68.6 68.6 69.9 65.5 69.8 59.7 £4.9 71.6 GE 100001 69.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.2 71.5 71.6 71.6 71.6 71.9 90001 69.9 60001 71.7 71.9 71.9 71.5 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.7 71.8 71.9 71.9 GE 73.8 77.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 SE 75511 72.7 74 • 8 75 • 4 74.8 74.4 74.6 74.7 74.8 74.0 74.3 74.8 74.8 74.9 74.8 74.8 74.8 74.8 LE 63001 73.3 75.0 75.4 75.4 50001 74 3 76.8 76.8 76.8 76.8 76.8 76.8 76.3 76.7 76 • 8 77 • 2 76.8 76.8 76.8 76.8 C.F 76 • 7 77 • 1 76.5 45 COL 74.6 77.3 77.3 77.3 77.3 71.3 77.3 77.3 77.3 77.3 77.3 17.3 υŧ 78.2 7°.3 GE 40001 75.5 71.6 78.1 70.2 79.2 7h.2 78.2 78.2 78.3 78.3 78.3 78.3 79.3 78.3 78.8 en.1 75.5 78.8 78.8 80.1 a€ GE 35001 75.7 79.1 78.6 76.7 76.6 78. R 7a.8 78.8 78.8 78.8 78.8 80.0 5 . . 1 8 J. 1 30001 74.6 75.3 G.F 25001 77.4 35.4 83.9 61.2 81.2 21.2 61.3 F1. 3 81.3 81.3 81.3 91.3 81.3 81.3 81.3 81.3 H 2 . 3 82.9 93.3 F 5.3 93.4 UΕ 83.2 63.4 83.4 83.5 43.3 93.4 83.9 63.9 18 CC | 77.5 d 2.7 83.3 83.7 63.8 h 2 • 8 6 5 . P 83.8 83.8 83,9 83.9 83.9 A3.9 83.9 ijΕ 15801 77.8 12001 8 18 5 2.9 84.7 85.1 85.2 91.2 45.3 45.3 85.3 25.4 85.4 85.4 85.4 85.4 85.4 95.4 A 5.6 86.4 86 . 9 10501 81.5 .. 6.9 88.8 88.8 80.9 88.9 88.9 89.0 89.0 89.0 87.8 38 . 4 88.5 38.0 ij. HH . 7 89.7 1001 E1.8 RO . 4 97.7 89.6 57.6 94.7 89.9 91.3 93.0 91.1 90.0 90.1 90.1 90.1 90.1 90.1 88.8 59.5 89.9 öε üt 50.5 87.6 90.4 9...7 97.9 91.0 91.2 91.2 91.2 91.3 91.3 91.3 7001 82.2 4 b • 8 93.0 91.0 41.3 91.4 71.6 91.7 91.8 91.9 97.0 92.0 92.0 92.1 92.1 93.9 92.1 47.6 32.3 52.5 12.0 93.4 93.5 23.7 94.3 94.9 25.4 95.5 95.6 95.6 95.7 95.7 95.7 1171 82.5 95.8 91.2 92.8 95.1 6.5 4001 82.5 4001 82.5 2001 82.5 1001 82.5 76.2 76.8 95.7 96.9 #7.1 98.2 97.2 47.3 97.3 95.9 91.5 93.3 94.! 94.5 96.5 97.1 LE 98.3 98.5 G.E 40.0 91.6 73.5 94.5 94.6 95.1 97.4 98.7 94.7 98.7 95.8 97.7 98.3 99.8 99.2 99.4 99.4 44.0 97.0 98.9 99.4 ٠í 91.6 98.5 54.6 99.7 47.C 98.4 99.9 99.7 100.0 J1 52.5 92.3 91.6 45.5 94.8 95.8 97.G 97.8 99.0 99.3 11

TOTAL NUMBER OF OFSERVATIONS: 744.7

GLODAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FRENCENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP 1x

PERIOD OF RECORD: 78-87 MONTH: FER HOURS(LST1: 0030-0200 VISIBILITY IN STATUTE MILES CEILING GE GF 3 2 1/2 IN 1 6E FEET 1 40 6£ 6E 6E 2 1 1/2 1 1/4 GE 5 GE 4 GΕ GE GE GE GΕ GE 1/4 GE O 7/4 1 6 578 5/16 1/2 NO CEIL | 54.7 01.3 61.6 61.8 61.8 61.5 61.8 £1.0 61.8 61.8 61.8 61.8 61.8 61.8 61.9 61.9 SE 200001 63.4 66.7 06.7 66.7 66.7 66.1 66.3 66.5 66.7 66.7 66.7 66.7 66.7 66.7 66.8 66.8 67.3 67.3 OE 190001 63.9 67.1 66.9 67.3 67.3 67.3 66.7 07.3 67.3 67.3 67.3 67.4 67.4 163201 64.2 66.0 67.1 67.4 67.5 67.5 67.5 67.5 67.5 67. 67.5 67.5 67.5 67.5 67.6 67.6 68.0 65.7 6º.0 69.7 140001 64.7 57.4 67.6 67.0 68.E 63.C 68.C 68.L 6 P . C 68.C 69.0 68.0 68.1 48.1 GE 120001 64.9 69.3 68.7 68.7 5 3 . 1 69.5 53.7 68.7 68.7 68.7 68.7 68.7 69.8 68.8 69.9 69.9 45.3 69.5 65.7 69.9 64.5 69.9 69.9 69.9 70.0 CE 100431 66.1 69.9 69.9 69.9 70.0 70.6 55 90201 66.4 67401 66.7 69.6 75.0 69.9 70.2 70.1 73.2 70.6 70.2 79.2 70.2 79.2 70.2 70.2 70.2 70.3 70.3 70.4 73.6 70.6 70.6 70.6 77.6 70.6 73.6 70.6 70.7 70.7 SE 77001 66.2 60001 66.2 7:.1 70.3 70.7 71.7 70 • 7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.8 70.8 15.3 72.7 70.9 71.0 71.3 71.0 71.0 71.0 71.D 71.0 71.0 71.0 71.0 71.2 71.2 \$0001 69.6 45001 67.4 40001 70.0 35401 71.0 30001 71.7 77.4 I.E. 72.7 73.0 73.3 73.4 77.4 73.4 73.4 73.4 73.4 73.4 73.4 73.4 73.5 73.5 74.2 üΕ 73.5 74.5 73.9 75.1 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.3 74.1 74.2 74.2 74.3 75.4 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.7 75.7 ٦٤ 76.1 17.3 76.4 76.7 77.1 77.2 77.2 77.3 17.3 77.3 77.3 77.3 77.3 77.3 77.4 77.4 79.3 70.3 78.5 77.3 78.4 79.4 78.5 78.4 78.4 78.4 78.4 78.4 25 uni 72.3 27 uni 71.9 15 nni 74.1 79.2 79.2 79.2 79.3 1.5 79.0 77.1 79.1 79.2 19.2 79.2 79.2 79.2 77.9 78.6 79.3 79.7 81.1 91.1 81.1 81.1 81.1 81.2 35 37.5 80.9 â1.0 51.0 81.1 81.1 81.1 81.2 t.€ 0 . . 3 01.1 81.4 41.6 61.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.8 81.8 15001 75.5 42.9 33.7 84.4 84.2 44.3 84.3 94.3 84.3 84.3 84.3 84.3 84.4 64.4 ųĖ GĘ 85.9 12601 77.8 85.6 86.1 56.2 66.3 86.3 66.3 86.3 86.4 86.4 - 4.0 86.3 86.3 86.3 86.3 10001 73.6 4.6 87.6 68.2 58.3 PB.3 88.3 88.3 89.4 88.4 A7.9 89.1 88.3 88.3 88.3 88.3 LE 9001 71.8 -7.2 68.7 B c . 5 89.3 89.0 89.0 88.2 88.5 89.9 88.9 5E 88.9 88.9 89.2 95.0 6001 79.0 3 7. C 98.5 89.3 69.1 89.4 89.4 89.4 89.4 89.5 89.5 89.5 89.5 89.6 89.6 7001 73.0 5001 73.0 90.1 90.2 90.3 90.3 1. F c 7 . 5 8 A . B 89.0 89.8 90.1 90.1 90.1 97.5 90.2 90.2 90.5 90.7 91.3 υE 90.8 91.0 91.1 91.3 91.1 1301 79.1 93.3 48.2 89.8 92.7 97.6 93.C 93.C 93.0 93.1 93.1 93.1 92.0 #LSI 79.1 300| 79.2 240| 79.2 140| 79.2 98.9 90.9 91.1 94.1 94.3 94.3 94.4 94.4 94.4 94.6 94.6 95.5 97.0 97.2 45.1 91.3 33.6 94.7 96.0 96.5 96.5 76.6 96.7 96.8 97.6 94.9 95.9 97.E 97.5 97.9 98.6 96.7 35.4 97.€ 98.5 (aE 91.5 43.9 46.6 98.2 99.4 97.2 97.6 1 73.2 91.5 95.9 36.6

CLOUAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

							SS AFB TX					MONTH	: FEB		(LST):		
	L INS	• • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • •	• • • • • • • • •	v 1 5 1	BILITY	* * * * * * * * * * * * * * * * * * *			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••
		GE IC	CE 6	G E 5	G E	GE 3	Gf 2 1/2	GE	6E 1 1/2	GE	G€ 1	GE 3/4	GE 5/8	Gε 1/2	GE 5/16	GE 1/4	GE C
• •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •
NÚ	CEIL I	57.0	58.6	5 8 .7	58.7	59.7	55.7	5° • 7	58.7	59.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE	100000	61.6	63.7	63.0	63.6	63.8	6∃•ε	67.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
ĿΕ	187001	61.9	64.1	64.2	64.2	64.2	04	54 . 2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
υE	160001	61.4	64.1	64.2	64 . 2	64.2	54.2	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
üΕ	140401	€2.6	64.8	64.9	64.9	64.9	(4.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
C.E	120001	63.2	65.4	65.5	65.5	65.5	€5.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
G.F	100001	63.9	6 t • 1	66.2	66.2	66.2	66.2	64.2	66.2	66.2	56.7	66.2	66.2	66.2	66.2	66.2	66.2
	97001		66.1	66.2	66 • 2	66.2	66.	66.2	66.2	00.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE	Bruci		66.7	66.6	66 • 8	66.8	66.8	5 t • 6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE	70001		66.9	67.6	67.4	67.	67.5	67.3	6.7 • C	67.C	67.C	67.0	67.0	67.0	67.0	67.0	67.0
UE	90.00 J		67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
			£ e. 7	68.9	68.9	68.9	66.9	٤٦.9	58.9	68.9	68.9	6 P . 9	68.9	68.9	68.9	68.9	68.9
at. GE	5056 4500		69.9			70.4	76.4	77.4	70.4	70.4	70.4	70.4	73.4	70.4	70.4	70.4	78.4
ut.	40351	-	70.8	70.3 71.3	70.4 71.4	71.4	71.4	71.4	71.4	72.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE.	35 act		72.1	72.6	72.7	72.7	72.7	77.7	72.7	12.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
SE	30001		7 2 • 1	73.5	73.6	73.6	73.6	77.6	73.6	73.6	73.0	73.6	73.6	73.6	73.6	73.6	73.6
	3. 571	10.1		.,,,	, , , ,		, , , , ,		, ,,,	,,,,	. , • •	7 1 2 0	, ,	,,,,,			, , , ,
6.0	25 001	71.3	74.5	74.5	75 - 1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
υE	25.001	73.2	77.0	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	`7.7	77.7	77.7	77.7	77,7
G E	15.001	74.1	78.1	75.6	78 • 7	78.8	7 t . 5	78.3	78.8	78.3	79.8	79.8	78.8	78.8	78.8	78.8	78.8
G.E	15.001	74.5	75.3	79.8	79.9	87.0	A 6 . 3	80.0	80.0	60.0	90.0	80.0	80.0	80.0	80.0	83.0	80.0
U.F	10001	75.7	41.1	81.9	82.0	82.2	82.3	87.3	82.3	82.3	92.3	82.3	82.3	82.3	82.3	82.3	82.3
ù f	17001	76.6	83.2	64.3	84.4	84.8	84.9	£4.0	24.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
SE		77.0	34.5	85.7	85.8	86.2	96.3	a6 • !	86.3	86.3	96.3	86.3	86.3	86.3	86.3	86.3	86.3
ΘĒ		77	- 5.3	86.9	67.1	67.7	57.5	e7.5	87.8	87.8	87.8	87.8	87.8	87.9	87.8	87.8	87.8
., £		77.1	86.3	58.4	89.0	69.8	90.0	98.0	90.0	90.C	90.C	90.0	90.0	90.0	90.0	90.0	90.0
σĒ		77.2	47.5	89.7	90.3	91.1	61.4	91.4	91.5	41.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
u ŧ		77.3	0 6.4	91.0	92.3	92.0	97.0	97.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
u[77.3	35.8	91.4	92.3	93.6	97.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
i.E		77.7	ಾರ∗೦ ಗರೇವ	91.6	93.0	94.5	95.0	46.0	96.0	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
υ£		77.3	99.8	91.6	93.0	94.9	95.3	96 .6	97.5	97.5	97.3	97.6	98.1	98.2	96.3	98.5	98.5
GE		77.3	5.8	91.6	93.0	94.9	95.3	96.6	97.G	97.5	97.3	98.0	98.5	98.8	99.1	99.3	99.3
υE	21	77.3	9.88	91.6	93.0	94.9	95.3	96.0	97.C	97.6	67.4	98.2	98.7	99.1	99.4	99.6	100.0

TOTAL NEMBER OF ORSERVATIONS: P46

GLORAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX

PEPIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST1: 0630-0800 VISIBILITY IN STATUTE MILES CEILING CE GE GE GE LF 6 5 4 3 2 1/2 IN | GL FEET | 10 GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 GE GE GE CE C 5/8 1/2 5/16 1/4, 5.3.2 53.5 53.5 53.5 53.5 NO CETE | 51.4 53.3 5 3 .5 53.5 53.5 59.6 59.7 59.9 59.9 55.5 55.0 59.9 59.9 59.9 59.9 59.9 59.9 59.9 59.9 60.2 NE 200001 57.4 59.9 59.9 59.9 GE 180001 57.4 59.9 59.9 59.9 59.9 59.9 59.9 60.2 59.9 59.9 55.6 59.7 59.9 59.9 6E 16C4C1 57.4 55.6 59.7 59.9 59.9 59.9 55.9 59.9 59.9 59.9 59.9 59.9 59.9 59.9 60.2 140001 57-9 60.3 63.6 60.0 60.6 60.6 60.6 60.6 60.6 60.6 60.6 60.6 60.6 60.9 GE 125001 59.1 61.5 61.6 61.0 61.8 6:.8 61.8 61.8 61.6 61.8 61.8 62.9 62.9 62.9 63.1 62.9 62.9 62.9 GE 150001 60.2 62.5 62.6 62.9 62.9 62.9 62.9 62.9 62.9 63.0 63.0 63.0 63.0 64.4 63.0 63.0 63.2 95401 60.3 63.0 63.0 1.5 62.6 62.0 63.0 63.0 6.3 63.0 64.4 64.4 53.8 64.2 64.4 64.4 64.4 GΕ 70001 61.8 54.4 64.8 65.0 65.0 65.0 65.3 65.0 65.C 65.C 65.0 65.N 65.0 65.0 65.0 65.2 65.2 5E 65 621 62.4 65.6 65 . 8 65.8 65.8 65.9 65.8 65.8 65.8 65.8 66.1 67.1 66.9 66.9 66,9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 G.E 50:001 63.4 66.3 66.7 66.9 66.9 69.4 68.4 68.4 68.4 68.4 68.7 GE 45 CO | 64.5 67.7 58.7 68.1 68.3 68.4 68.4 65 .4 €8.4 68.4 68.4 69.0 69.3 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.6 69.4 £9.6 69.7 CE 35001 65.2 58.9 69.4 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 70.0 70.6 70.3 70.0 70.3 70.3 LE 65.5 70.2 7 L . 3 70.3 70.3 70.3 i.F 25.001 67.7 71.5 72.0 72.5 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.9 74.9 75.5 74.9 74.9 75.5 20001 69.9 74.8 74 • 7 75 • 3 74.9 74.9 74.9 74.9 75.2 üE 74.2 74.9 74.9 74.9 74.9 74.8 75.5 75.5 75.5 75.5 75.5 75.6 75.5 75.5 75.5 ωE 15 CE | 71.7 76.1 76.6 77.1 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.8 v,£ 10001 77.3 7 c . 4 79.0 81.1 81.1 81.1 81.1 P1.3 10001 73.5 79.3 91.1 t1.1 81.1 81.1 81.1 81.1 f.E 80.0 20.6 81.1 900| 74.2 907| 74.6 700| 74.7 41.1 42.9 97.6 03.6 93.6 83.6 83.6 83.6 93.6 83.6 83.8 uE SE 62.7 65.9 8 7 . 6 63.6 33.6 82.2 43.5 87.0 86.8 66.A 86 • 8 88 • 3 66.8 86.8 86.8 86.8 86.8 86.8 LE 86.6 87.4 29.2 86.3 88.3 88.3 98.3 88.3 88.3 88.3 88.3 88.3 86.5 ~ 4 · 9 tit FJ01 74.F 45.7 93.1 93.3 93.4 93.4 93.5 93.5 93.5 93.5 93.5 93.7 (.) 90.4 91.7 42.9 4121 74.5 3031 74.8 94.3 94.6 96.1 96.1 94.9 95.0 95.0 95.0 95.0 95.0 95.0 95.3 97.3 me.2 91.1 94.1 92.9 94.9 ωE 95.0 96.7 97.0 98.0 97.0 υŧ -6.3 91.4 93.1 94.6 96.1 96.2 97.0 97.0 97.0 98.2 98.7 ° t • 3 98.6 2001 74.4 93.1 94.7 96.7 98.1 98.3 91.4 96.8 98.2 97.6 . 6 . 3 98.5 96.2 97.2 97.8 98.5 98.8 99.1 99.3 100.0 .1 74.8 -6.3 91.4 93.1 94.7 95.2 96.8 υ£

GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY CHSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87 MONTH: FER HOURS(LST): 0900+1100 CEILING VISIBILITY IN STATUTE MILES V15181L1TY IN STATUTE MILES

GE GE GE GE FE

3 2 1/2 2 1 1/2 1 1/4 1 3/4 IN 1 SE CE FEET 1 10 6 GE 4 GE 5 Gε GF 1/4 5/8 1/2 5/16 51.9 51.9 52.C 52.C 52.0 52.0 59.3 59.3 LE 200001 56.9 59.2 59.3 59.3 57.3 59.3 59.5 59.5 59.5 59.5 59.5 59.5 59.6 59.6 59.9 59.9 SE 180001 57.4 59.6 59.9 59.9 59.9 59.9 60.0 60.0 67.0 60.0 60.0 60.D 60.2 €0.2 60.0 60.9 GE 160001 57.6 GE 140001 59.3 60.9 60.0 60.2 55.9 63.0 56.6 60.0 60.2 60.2 60.2 60.2 60.2 60.3 6.3d 63.9 66.9 60.9 61.0 51.0 61.0 61.0 61.3 61.0 61.1 61.1 51.6 GE 100001 £0.4 62.9 63.0 63.6 63.0 63.C 63.2 63.2 63.0 63.0 63.1 67.1 63.1 63.1 63.1 63.1 90001 20.5 80001 61.9 70001 62.2 60001 62.9 63.1 6 3 • C 63.1 63.1 63.1 63.1 63.1 63.2 63.2 63.2 63.2 63.2 63.4 63.2 63.4 1.F 54.4 64.5 64.5 65.0 64.5 64.5 64.5 54.5 64.7 64.7 64.7 64.7 64.7 64.8 64.9 65.0 65.1 65.1 65.1 65.1 65.2 SF 6 = . 1 65.C 65.1 65.1 65.2 66.0 66.0 \$0601 64.2 45071 65.6 40001 65.6 67.1 67.1 67.1 67.1 67.3 67.4 67.1 67.1 67.3 67.3 67.3 67.3 67.4 67.4 GΕ 67.3 ΘĒ 68.2 68.3 69.4 68.3 69.5 68.9 68.2 68.2 6°.3 68.3 66 - 1 68.2 64.3 68.3 68.1 68.4 69.4 úΕ 56.9 69.1 69.3 69.3 69.3 69.4 69.4 69.4 69.5 3° unl 66.1 30001 66.9 65.4 69.6 69.6 69.7 €9.7 69.9 69.9 69.9 69.9 69.7 69. 7 69.9 69.9 70.0 u.F 70.0 70.8 72.5 72.5 72.5 72.6 72.7 υĒ 25101 64.4 71.9 72.1 72 . 3 72.5 72.6 72.6 72.6 72.6 72.7 72.6 20001 70.0 18201 70.1 74.3 74.6 6 E 74.1 74.2 74.5 74.2 74.3 74.3 74.2 74.2 74.3 74.3 74.5 74.1 74.5 75.4 74.5 75.5 74.6 74.6 74.6 74.6 74.7 GΕ 73.9 74.6 74.7 15051 79.4 75.1 75.3 75.7 75.7 75.7 75.8 75.8 74.7 75.4 75.4 75.7 75.7 75.7 GE 92.2 82.2 82.2 ĠΕ 10001 72.7 79.9 **50.9** e1 • 6 61.7 81.7 **01.7** 31.8 82.0 32.2 82.2 62.3 92.3 υE 9001 73.0 8001 73.3 86.6 84.8 87.0 67.7 85.2 87.5 85.5 95.6 85.6 85.6 85.6 85.7 85.1 87.5 98.2 99.8 21.9 85.8 88.1 89.7 88.2 ii£ 88.2 88.3 7001 73.4 89.2 44.9 87.0 88.4 94.9 89.5 90.0 93.0 90.0 90.1 93.1 88.1 90.0 SE 90.2 92.0 92.1 88.2 5001 72.4 35.6 89.2 91.5 92.2 92.7 93.4 94.3 94.7 94.9 94.9 94.9 94.9 95.0 95.0 95.4 96.7 96.7 C, E 4031 73.4 3001 73.4 45.6 89.2 89.5 91.7 92.4 93,0 94.2 95.6 96.C 97.5 96.2 96.2 96.3 96.5 96.7 98.5 96.7 94.0 98.0 98.2 96.5 L.F 99.0 99.1 2631 77.4 55.6 94.0 96.9 89.5 91.4 97.8 98.6 99.6 CF 89.5 93.1 95.4 97.P 100.0 97.8 99.3 01 73.4 1,E 89.5 92.1 96.9 99.8 98.9 99.2 99.6 100.0 53.1

AIR SEATHER SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAGE FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 1200-1400 VISICILITY IN STATUTE MILES CETLING GΕ GE 1/4 . 0 1/2 5/16 NO CETE 1 52.6 5.1.9 54.5 54.0 JE 200001 59.3 £ 5.9 61.2 62.5 61.8 61.8 61.8 61.8 61.8 61.8 61.8 61.8 61.8 61.0 61.6 61.7 61.8 UE 160001 61.5 62.9 62.3 63.9 63.1 62.2 63.0 63.1 63.1 63.9 63.1 63.1 63.1 63.1 63.1 63.1 63.0 63.1 63.4 6 3 .8 63.9 63.9 63.9 63.9 63.9 63.9 6E 140001 62.9 64.4 64.5 64 . 6 65.1 65.2 05.4 65.4 65.4 65.4 65.4 65.4 65 . u 65.4 65.4 65.4 66.5 66.5 U.F 65.6 65.7 56 . D 66.3 6 t . 4 66.5 66.5 66.5 66.5 66.5 66.5 68.6 GE 100001 65.6 68.€ 68.6 68.6 68.6 68.6 68.6 57.6 67.7 68 . U 63.3 60.4 65.6 63.6 68.6 9000| 64.1 8000| 67.1 7000| 67.3 68.8 69.9 70.0 50.7 UE UE 68.5 68.2 69.6 69.9 68.8 69.9 68.8 68.8 67.8 68.83 68.8 68.8 68.8 68.8 64.9 69.0 69.3 €9.6 64.7 69.9 70.0 69.9 69.9 69.9 69.9 69.9 69.9 70.0 70.0 i.f 19.0 69.1 69.4 69.7 69.4 70.0 70.C 70.0 70.0 70.0 69.6 70.4 70.4 υŁ 69.7 70.0 75.3 70.4 70.4 70.6 70.6 50001 67.4 45 UST 67.5 69.7 70.0 70.3 76.4 70.6 70.6 70.6 70.6 70.6 70.6 65.6 72.6 70.6 ωF 77.0 72.6 70.8 70.6 70.6 75.7 70.8 7⁰ • 8 71 • 9 70.8 70.8 70.8 υE 54.4 72.2 70.8 70.8 4000| 63.4 3500| 69.0 71.9 72.5 71.9 72.5 71.9 71.9 71.9 72.5 71.9 72.5 71.9 72.5 71.9 76.9 71.0 71.3 71.6 71.7 71.9 ЬE 71.6 73.ú 72.2 72.5 72.5 71.5 71.9 72.3 72.5 úΕ 73.8 71.4 75.5 75.8 75.8 75.8 GE GE 25 631 72.1 74.7 74.8 75.2 75.7 75.5 75.8 75.8 75.8 75.8 75.8 75.8 77.5 77.7 77.8 77.8 77.8 77.8 20001 74.0 70.7 76 .b 77.2 77.6 77.8 77.8 77.8 77.8 77•8 78•6 6E 18001 74.8 77.5 77.7 76 • Ü 78.4 78.5 79.6 78.6 78.6 78.6 78.6 78.6 78.6 75.6 78.6 79.6 81.1 15001 76.5 80.7 85.2 68 30.0 9C . 4 8 C . 9 81.0 81.0 81.1 81.1 81.1 81.1 81.1 81.1 81.1 ÚΕ 10001 79.7 87.6 87.9 88.2 88.2 88.3 88.3 80.3 88.3 88.3 88.3 88.3 UE 35.9 86.1 86.8 88.3 9001 20.5 9001 80.4 7001 80.6 89.6 93.9 91.0 91.5 90.0 91.5 93.7 -1.0 88.1 99.3 89.7 89.4 8 . 48 93.0 90.0 90.0 90.0 90.0 90.0 88.2 89.5 91.5 91.5 93.7 91.5 89.2 40.3 91.5 91.4 91.4 91.5 91.5 93.7 91.3 93.0 93.7 93.7 93.1 93.7 GE 92.5 97.6 93.6 93.7 F631 67.9 90.3 92.4 94.4 95.6 95.9 97.4 97.5 97.5 97.5 97.5 97.5 97.6 97.6 97.6 4001 85.9 7001 80.9 90.3 90.3 92.4 94.6 94.6 95.9 96.1 97.6 98.1 98.2 98.2 98.3 98.3 99.3 98.3 99.4 98.5 99.6 98.5 99.6 98.5 99.6 98.7 ίĒ 96.2 94.6 90.0 2021 62.9 92.4 95.9 96.2 98.7 99.1 99.6 99.9 SE 94.6 99.1 99.5 99.6 100.0 1001 50.9 92.4 95.4 28.7 29.2 99.9 99.9 al Ho.9 99.2 99.5 95.5 10.3 92.4 98.2 98.7 99.1 99.5 99.6 99.9 99.9 100.0

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREWLENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 78-87 MONTH: FER HOURS(LST): 1500-1700 ILIMG VICIBILITY IN STATUTE MILES CE IL ING IN 1 GE FEET 1 10 GE GE 3 2 1/2 GE GE GE GE GE C 1 1/2 1 1/4 1 3/4 GE GE 4 GF GE 5/8 1/2 5/16 b رة NO CETE 1 53.3 56.1 56.1 56.0 CE 200001 63.5 GE 180001 64.3 GE 160001 64.3 65.1 65.5 66.1 66.2 66.2 66.5 66.7 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.3 67.0 67.0 67.6 67.5 67.6 67.6 67.6 67.6 67.6 67.6 67.6 66.J 66.5 67.4 57.6 67.6 67.6 56.0 66.9 67.C 67.5 67.6 60.4 68.3 68.1 68.7 68.7 SE 140001 65.2 67.0 67.4 66.1 69.6 68.7 68.7 70.0 69.7 70.0 70.0 70.0 72.3 SE iccool 69.2 70.4 79.9 71.5 71.6 71.6 72.0 72.1 72.3 72.3 72.3 72.3 72.3 72.3 72.3 9000) 65.1 6000| 69.7 7000| 69.9 72 • 1 72 • 6 73 • 2 71.3 71.0 71.7 72.5 71.7 72.5 72.2 72.5 72.5 73.2 72.5 73.2 72.5 72.5 73.2 72.5 72.5 73.2 72.5 1.5 71.3 72.9 73.2 73.2 72.7 73.4 73.4 73.4 71.5 72.3 72.6 72.7 73.4 S.E. 73.9 50001 69.4 74.1 74.1 74.1 74 - 1 74.1 74.1 74.1 GE 73.3 73.4 73.4 73.0 73.9 74.1 72.1 72.7 45 201 70.0 40 001 71.7 74.7 76.0 74.7 76.0 72.7 73.3 74.0 74.7 74.7 74.7 73.9 74 . 3 74.5 74.7 74.7 74.6 úΕ 76.0 76.0 75 · 8 76 · 4 76.0 76.0 'nΕ 74.6 75 . 2 76.2 76.0 35 401 71.5 74.6 75.2 75 . € 75.5 75.4 76 .2 76.5 76.6 76.6 76.6 76.6 76.6 ù F 16.0 77.4 77.4 79.3 25.001 74.0 1= .5 79.2 79.2 79.2 79.3 79.3 79.3 79.3 üΕ 77.1 77.8 78 . 4 79.5 70.5 79.€ 2007 76.1 1800 76.5 79.6 90.0 82.2 82.6 82.2 82.6 82.2 82.6 80.5 81.7 91.2 81.6 82.0 81.7 81.9 81.9 61.9 82.2 82.2 GE. d1 • i 81.6 32 • 2 84 • 9 82 . 4 82.4 82.6 82.6 (,F 81.0 82.4 64.8 85.1 1:601 78.1 83.5 94.0 84.4 F 4 . 4 8 f. • 1 85.3 85.3 C.E 87.9 57.9 88.4 98.7 88.9 88.9 88.9 10001 80.6 87.1 89.4 97.0 90.5 90.9 90.9 90.9 91.1 91.1 91.1 91.1 91.1 υE 96.1 91.4 92.4 92.4 9.18 1008 3.18 1008 89.4 91.0 92.0 91.5 92.6 91.7 92.8 91.8 92•1 93•3 92.1 93.3 92.1 υŁ .7.6 90.3 93.9 91.8 92.1 92.1 91.8 93.0 S . 7 91.3 93.3 93.3 υE 92.6 7001 El.1 90.8 93.7 94.0 94.2 91.8 9..8 ij.Ę 95.6 91.5 93.0 94.1 94.9 95.6 95.9 95.9 95.9 95.9 95.9 i.E 5011 81.1 55.7 92.0 93.0 94.7 54.7 95.7 96.3 96.6 96.6 96.8 96.8 96.8 96.8 96.8 95.9 99.4 6₽ GE 4231 E1.1 3001 F1.1 = G . 7 92.0 94.4 90.1 96.5 97.8 98.2 98.6 98.8 98.8 98.8 98.8 98.8 99.8 99.8 92.0 94.4 96.7 97.5 98.3 98.9 99.5 99.8 99.8 89.7 99.8 99.4 39.7 92.0 94.4 96.3 97.5 98.3 98.9 99.5 99.9 100.0 100.0 100.0 100.0 99.4 98.7 99.9 97.5 99.5 100.0 100.0 100.0 . . F 1531 61.1 45.7 92.0 94.4 96.3 9 t. . 7 28.3 100.0 01 €1.1 ĢΕ 45.7 92.0 94.4 96. 7 96.7 47.5 98.3 98.9 09.4 99.5 99.9 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *FATHEP SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

MONTH: FEB HOURS (LST): 1800-20 50 CE IL II.C CETLING IN | SE FEET | 10 VISIBILITY IN STATUTE MILES GE GF GΕ CE E GE GE GE 2 1 1/2 1 1/4 GΕ 6E GE 1 GE GE GF CF 3 2 1/2 1/4 5 3/4 5/8 1/2 5/16 0 40 CEIL | 56.1 59.7 59.7 59.7 59.7 59.7 59.7 59.7 59.7 66.5 GE 200001 67.0 65.7 66.7 66.9 67.3 67.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4 GE 18000| 53.8 GE 16100| 63.9 GE 14000| 65.5 67.4 67.5 67.7 69.2 68.2 68.2 68.2 68.2 69.3 68.2 68.2 68.2 68.3 68.2 66.5 68.1 68.2 68.3 68.3 68.3 t £ . 7 67.5 67.6 67.8 66.2 68.3 69.9 69.9 69.9 69.9 69.9 69.0 69.4 69.7 68.2 69.1 70.1 70.9 71.7 71.7 71.7 71.7 71.7 71.7 71.7 73.3 10000| 68.4 71.4 72.2 72.8 73.2 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 72.6 ∴E 90001 69.7 60001 69.6 71001 69.7 71.6 72.5 73.0 73.4 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 72.8 74.5 74.5 74.5 74.5 74.5 4.5 72.6 73.4 73.8 74.C 74.3 74.5 74.5 74.5 74.5 74.5 74.6 74.1 74.6 74.6 74.6 73.5 73.9 74.5 74.6 74.6 72.7 74.6 υE 75.1 75.1 75.1 75.1 75.1 75.1 υE 5000| 70.9 4550| 71.4 75.9 76 . 4 76.€ 77.0 77.1 77.1 77.1 77.1 77.1 GΕ 74.9 77.9 78.8 77.9 78.9 77.9 78.8 15.4 76.5 77.4 77.4 77.6 77.9 77.9 77.9 77.9 77.9 77.9 6E 77.J 47001 72.3 35071 72.8 78.8 18.7 78.8 78.8 78.8 78.8 UΕ 76.4 77.9 79.4 70.8 78 . 8 17.3 79.4 79.4 79.4 79.3 78.5 79.3 i.E 79.3 79.8 79.8 79.8 79.7 79.8 79.8 79.3 79.8 79.8 79.8 79.8 77.2 65 78.5 60.9 91.2 61.3 81.3 81.3 81.3 81.3 79.6 80.1 SE 20001 76.0 18201 76.1 H 1 • 1 82.2 82.7 83.5 83.0 83.9 93.9 83.9 83.9 83.9 84.2 83.9 83.9 84.2 83.9 84.2 83.9 84.2 93.9 84.2 84.2 ijΕ 21.3 82.4 93.0 84.0 c4 . ? 84.2 84.2 56.3 15 001 77.8 4 2 . 1 86.3 86.3 86.3 84.2 84.9 05.8 96.2 86.3 86.3 66.3 86.3 89.6 89.1 17001 74.5 87 . 7 88.7 69.1 89.1 89.1 99.1 89.1 89.1 89.1 89.1 99.1 10001 79.3 89.1 89.2 96.7 90.8 93.9 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 ι£ 56.4 90.3 9201 79.6 8001 79.8 97.1 90.2 91.3 91.6 92.e 91.7 91.0 91.7 93.5 91.7 93.0 91.7 93.0 91.7 93.0 91.7 93.0 91.7 91.7 93.0 91.7 υE 89.0 91.7 89.6 93.0 ...F 97.3 93.7 94.1 94.1 7031 12.8 - 8 - 1 92.2 94.1 95.4 C.F 6ual 79.8 97.8 92.9 94.2 44 ... 95.3 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 1.5 5001 80.1 89.0 91.5 94.1 95.€ 96.1 96.7 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 #801 92.1 3801 80.1 97.3 97.5 97.9 97.9 89.0 89.0 94.6 96.1 97.8 97.8 98.5 97.9 97.9 97.9 97.9 υE 91.6 97.9 91.6 96.1 96.6 98.2 99.1 99.2 99.2 99.3 99.3 99.3 99.3 υE 94.6 2001 80.1 59.0 91.6 96.1 9 t . t 17. 98.2 98.5 99.2 99.5 99.5 99.6 99.6 99.6 99.6 97.5 99.2 99.5 99.9 99.9 99.9 G. d9.6 91.6 04 . 6 96.1 16.00 90.2 98.5 99.5 100.0 1 57.1 99.5 56.6 97.5 99.2 99.5 99.9 99.9 100.0 91.6 54 . 6 96.1 99.5 99.9 υE 98.2 98.5

CLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREGLENCY OF DECURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR IX

PERIOD OF RECORD: 78-87 HOURS(LST): 2100-2300 MONTH: FEB VISIPILITY IN STATUTE MILES CEILING IN | CE FEET | 1 G E 5 Θ£ GE GΕ 6.E GE GE 1 1/2 1 1/4 GE 6 E 2 GE GE G_Ε 1/2 3 2 1/2 10 1/4 3/4 5/8 5/16 ۵ NO CETT I ASSE 4 7 . 1 63.7 64.3 64.3 GE 200001 66.5 69.1 70.0 70.1 70.3 76.3 70.6 73.6 70.6 70.6 70.6 70.6 70.6 78.6 70.6 70.6 GE 180001 66.7 GE 160001 66.8 69.6 70.4 70.6 70.8 70.0 71.0 71.2 71.0 71.0 71.0 71.2 71.0 71.0 71.0 71.0 71.0 71.0 65.7 70.6 70.7 70.9 71.2 71.2 71.2 71.2 71.2 GE 140001 68.2 GE 120001 68.8 72.1 72.3 72.3 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 73.6 72.1 73.0 73.6 73.0 73.6 73.4 73.6 73.6 73.6 73.6 100001 69.9 73.2 74.1 74.2 74.5 74.5 74.7 74.7 74.7 74.7 74.7 74.7 74.7 74.7 74.7 74.7 ω£ 90001 70.3 80001 70.9 73.6 74.6 75.2 74.7 74.9 74.9 75.2 75.8 75.2 75.2 75.8 75.2 75.8 75.2 75.2 75.2 75.2 75.2 75.2 GΕ 74.2 75.3 75.5 75.5 75.6 75.8 75.8 75.8 75.8 75.8 75.8 70001 70.9 75.8 75.3 75.8 75. A 75.8 75.8 75.5 75.8 75.8 75.8 75 - A 75.8 62001 71. Ωŧ. 74.3 75.3 75.4 75.7 75.9 50001 71.6 C.F. 75.3 76.5 76.7 77.0 77.3 77.2 77.2 77.2 77.2 77.2 77.2 77.2 77.2 77.2 77.2 40001 72.2 40001 77.3 76.4 77.4 78.3 79.4 78.3 76.3 7P.3 üL 77.5 77.8 78.0 7 c . C 78.3 78.3 78.3 78.3 78.3 78.3 76.7 79.2 79.4 79.4 79.0 79.0 79.4 79.4 1.F 35 00 | 73.5 77.9 79.2 79.7 79.9 79.9 79.9 79.9 79.9 79.9 79.9 C.F 10001 74.1 78.7 80.0 60.3 89.5 8 u • 5 80.7 6C.7 67.7 a0.7 89.7 AC. 7 L.E 25 031 74.4 79.3 B D . 7 81.0 81.2 51.2 81.4 81.4 81.4 P1.4 81.4 81.4 81.4 81.4 üΕ ar abi 75. ⇒C.5 d1.3 83.0 83.8 83.0 83.8 82.2 82.5 62.7 82.7 63.0 83.0 83.C 93.C 83.C 83.0 93.0 G.E 18601 76.4 63.7 83.8 83.5 83.8 83.6 83.8 53.6 83.8 83.8 83.8 8 1 . 8 83.8 GE GE 15001 77.7 12001 78.5 n 2 . 7 84.4 85.2 87.5 85.2 85.2 95.2 97.0 87.0 44.4 86.2 86.5 86.8 4 t . 0 87.C 87.C ō. 10501 79.3 65.2 87.5 PR . 1 28.3 F E . 4 68.7 88.7 88.7 58.7 89.7 88.7 88.7 88.7 88.7 88.7 GE 5-01 77.7 86.2 63.5 89.5 89.7 89.0 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 9D.1 8.01 77.9 87.1 89.6 91.0 91.1 90.6 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 \$1.4 90.1 1.5 7.51 72.9 : 7.5 91.5 92.1 92.1 92.1 92.1 92.1 92.1 6.31 79.9 92.1 67.5 91.7 92.3 22.8 92.6 92.8 f 201 67.0 i, E 47.8 94.1 91.1 92.8 93.3 93.5 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 υE 88.2 92.3 95.4 95.0 96.8 94.6 96.7 96.8 96.8 96.8 96.8 96.8 98.5 96.8 98.5 96.8 98.5 96.8 3GC1 80.4 2SD1 80.4 68.3 92.6 94.8 95.7 96.1 97.3 98.0 98.3 90.5 98.5 98.5 1, 8 92.6 92.6 97.5 97.5 99.1 C 8 . 3 94.9 96.0 96.3 98.5 98.7 99.2 99.2 G. 1 6.3 96.0 96.3 99.2 98.5 98.7 99.1 99.2 99.3 99.4 99.6 100.0 98.3 92.6 96.C 96.3 97.5 98.5 98.7 99.1 99.2 99.2 99.3 99.4 99.6 100.0

GLOBAL CLIMATCLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		_					S AFR T					MONTH	: FEH		(LST):	۵۱۲	
	ILI*6	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••		PILITY				• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	
		GŁ	GE	GE	GE	CE	GE	G L	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EFT I		6	5	4		2 1/2	2	1 1/2		1	3/4	5/8	1/2	5/16	1/4	G
140	CEIL	55.0	56.9	57.2	57.3	57.4	5.7.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
ωĔ	200001	61.5	63.7	64.0	64.2	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
	180001		64.3	64.6	64.8	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
	160001		64.5	64.8	65.0	65.1	65.2	65.3	65.3	05.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
SE	145 661	63.2	65.5	65.8	66.0	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
SE	120001	64.1	66.6	66.9	67.1	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
٥Ę	100001	€5.4	57.9	68.3	68.5	63.6	€ € . 7	₽8 • 6	68.8	68.9	68.9	60.9	68.9	68.9	68.9	68.9	68.9
٥F	9000)	65.€	68.1	68.5	68.7	69.9	60.9	69.5	69.€	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE	87001	66.4	69.0	69.4	69 . 0	69.7	69.0	69.9	69.9	73.0	70.€	70.0	70.0	70.0	73.0	7 C . C	75.6
GE	71.001		65.2	69.6	69.8	70.0	76.0	70.1	70.2	70.2	70.2	79.2	70.2	70.2	70.2	79.2	70.3
GΕ	encol	66.º	69.6	7 C • 1	70 • 3	73.5	7. 5	77.6	70.6	70.7	70.7	70.7	70.7	70.7	75.7	79.7	70.7
υE	scool	67.7	75.8	71.3	71.6	71.7	71.6	71.9	71.9	71.9	71.4	71.9	71.9	71.9	71.9	72.0	72.0
UE	45 CC		71.7	72.2	72.5	72.7	77	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.5	72.9	72.9
υĘ	4130]		12.7	73.3	73.6	75.8	72.0	73.7	73.9	74.0	74 • €	74.5	74.5	74.0	74.0	74.0	74.3
GE	3, 001		73.4	74.3	74 . 3	74.5	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.6
CE	30001	6 • د, 7	74.3	74.9	75 • 2	75.4	7 * • 5	75 ∗€	75.6	75.7	75.7	75.47	15.7	75.7	75.7	75.7	75.7
äΕ	25 001	71.7	75.7	76.3	76.7	76.9	77.0	17.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
6.5	27.001		17.7	78.5	78 • 8	77.1	79.2	79.5	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4
CE	15 30		7 c . 4	79.1	79.5	73.7	74.₺	79.9	79.9	19.9	79.5	79.9	80.0	90.0	P3.0	80.0	4 G • O
3E	15 50	75.5	3C.1	80.9	81.3	61.£	41.7	51.8	81.8	81.9	41.9	61.9	81.9	81.9	91.9	82.0	F2.0
ωE	12 00	76.9	ò 2∙5	63.5	84 • ⊔	84.3	54.4	84.5	P4.6	64.6	94.7	64.7	84.7	84.7	94.7	54.7	A 4 . #
GΕ	10001	77.5	s 4 . 2	85.4	86 - 1	86.5	8 E . E	66.7	96.8	86.8	96.9	84.9	86.9	86.9	86.9	66.9	87.0
υE	9 00 1	77.9	55.4	66.5	87.6	88.1	88.2	dP .4	68.4	88.5	88.5	8 P . C	AH.5	88.5	99.5	5 R . 6	88.6
υE	8.001	7d.1	36.4	88.2	89.1	89.6	96.0	90.0	90.C	90.1	70 • 1	97.1	90.2	93.2	90.2	90.2	90.2
GE		78.2	87.C	89.2	90.2	93.9	91.1	91.5	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.5	91.6
GE	€ 001	78.2	27.5	90.0	91.5	92.2	92.4	92.8	93.0	91.1	93.1	97.2	93.2	93.2	93.2	93.2	43.5
Sŧ	1001	79.3	n 8 • 1	90.9	92.7	93.6	46.0	94 €	94.8	94.7	95.0	45.7	95.1	95.1	75.1	95.1	95.1
CE		79.4	3 8 • 3	91.4	43.4	94.6	94.7	400	46.2	40. 1	≎6.4	96.5	96.5	96.5	96.6	44.6	46.6
υE		7 = 4	16.4	91.5	43.6	95.2	9 6 . 6	16.0	27.4	97.6	97.4	90.1	98.2	98.2	96.3	44.1	96.4
üξ		74.4	- 0 • 4	91.5	93.0	95.2	95.0	96.7	97.7	97.5	94.3	96.7	98.8	99.7	99.1	99.7	34.2
νĒ	1501	75.4	4 5 • 4	91.6	93•∈	55.2	95.00	95.0	41.1	97.5	34 * #	90.0	44.0	49.3	94.4	43.6	24.4
5E		78.4	18.4	91.6	93.8	95.2	44.ee	96.9	97.7	97.5	76.4	90.8	99.1	99.3	99.5		170.0

GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AER IX

PEPIOD OF RECORD: 78-87 MONTH: MAR HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES CEILING GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE IN 1 SE FEET 1 12 GE 4 GE GE GE GΕ GE 10 1 1/2 5 3/4 1/4 a 5/8 5/16 NO CETE 1 65.4 69.2 67.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.2 69.6 69.6 69.6 75.5 75.8 75.8 75.5 75.8 75.8 75.8 GE 200601 74.3 75.9 75.5 75.0 75.8 75.8 75 . 8 75.8 75.8 GE 180001 74.6 of 160001 74.9 75.8 75.8 76 • 1 76.1 76.1 76.1 76.1 76.5 76.1 76 • 1 76.1 76.1 76.1 76.1 76.1 70.1 76.1 76.1 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 OF 140001 75.5 OF 12001 76.5 76.7 77.6 77.4 77.6 77.0 78.3 77.0 78.0 77.0 78.0 76.7 77.C 77.0 77.0 77.0 77.C 78.0 77.0 78.0 78.0 78. D 78.C 78.5 78.0 78.3 78.0 77.6 77.1 CF 160001 77.3 78.8 78.8 79.1 79.1 79.1 70.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 100001 77.3 90001 77.4 60001 74.3 70001 79.0 61001 80.0 78.9 79.2 79.2 79.2 79.2 79.2 79.2 79.2 79.2 72.9 79.2 79.2 79.2 tit. 79.2 79.2 83.1 80.1 80.1 79.3 40.1 6J. 1 F0.1 80.1 80.1 80.1 80.1 8 C . 1 75.8 85.i 81.0 81.9 81.9 45.6 80.6 91.0 81.0 51.0 81.C 81.0 81.0 81.0 81.0 81.0 81.0 81.0 61.9 61.9 F1.6 61.9 81.9 81.9 81.9 81.9 91.9 91.9 81.9 81.9 81.6 81.9 93.4 54.i GE 50001 81.3 83.7 84.1 84.1 84.1 84.1 64.1 84.1 84.1 84.1 84.1 94.1 84.1 84.1 45001 82.5 42001 83.4 35001 84.2 85 . d 85.8 85.6 67.2 85.6 15.1 65.4 65.8 85.8 85.3 87.2 95.8 85.8 87.2 85.6 85.8 85.8 85.8 πε•2 27•1 86.6 47.J 67.2 c 7 ... 87.2 87.2 87.2 87.2 87.2 87.2 88.1 88.1 ιE 87.4 87.6 58.1 3 € • 1 98.1 88.1 68.1 88.1 88.1 88.1 88.1 88.1 88.9 88.2 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 ∪.£ 88.6 88.9 88.9 88.9 25-001 85-6 26-001 -6-9 18-001 -6-9 15-001 -7-5 10-001 -8-3 3.6.€ 89.1 69.6 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 u f 96.1 93.5 91.5 91.3 9:.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 G 95.4 91.1 91.5 91.8 91.0 91.6 91.8 91.6 91.8 91.8 91.8 91.8 91.8 11.9 92.6 93.9 93.ü 94.3 93.3 93.3 97.3 93.3 91.1 93.3 93.3 93.3 93.3 93.3 93.3 94.6 94.6 94.6 94.6 94.6 44.6 94.6 1000| 87.4 +401 34.6 3401 -6.6 7.01 48.4 94.9 95.7 95.7 95.7 95.4 95.7 25.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 75.2 95.9 76.7 96.7 95.7 96.3 95.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 75.3 96.2 96.8 96.8 96.8 96.5 96.0 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.3 17.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 4.6 97.3 1.11 + 1.6 1.11 + 1.6 1.11 + 1.6 99.7 97.1 98.7 98.7 99.7 96.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 97.2 95.4 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.9 99.1 15.5 99.5 99.5 99.7 95.1 99.5 95.5 99.9 91.5 99.6 99.6 99.6 99.7 99.9 1 1 Feet 97.2 98.7 77.5 99.9 99.9 99.6 99.7 99.7 99.6 99.6 97.2 95.7 99.5 49.5 44.5 99.6 99.7 99.9 100.0 100.0 34.5 1 .*

TO TAY NUMBER OF A CHARATIONS :

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY CBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87 MONTH: MAR POURS(LST): 0300-0560 VISIBILITY IN STATUTE MILES CEILING IN | 6E FEET | 10 3 2 1/2 6 5 4 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 ۵ NO CETE 1 64.3 66.1 66.2 66.5 66.5 66.5 66.3 66.5 66.5 66.6 66.6 66.6 66.6 66.6 66.6 66.6 6E 209601 71.4 74.1 74.2 74.3 74.4 74.4 74.4 74.5 74.5 74.4 74.4 74.5 74.5 74.5 ٥£ 167001 71.9 74.8 75.1 74.6 74.9 74.9 74.7 74.9 74.9 74.9 75.1 75.1 75.1 75.1 75.1 75.1 6E 160001 72.0 75.1 75.2 75.2 75.5 75.2 75.2 75.2 75.3 75.3 75.3 75.3 75.3 75.3 75.3 GE 140001 72.5 GE 120001 77.4 75.2 75.5 75.3 75.4 75.5 75.5 75.6 75.6 76.1 76.2 76.3 76.5 76.5 76 .5 76.5 76.6 76.6 76 . 6 76.6 76.6 76.6 76.6 GE 100001 74.9 GE 90001 74.9 GE 80001 75.4 GE 70001 75.4 78.2 77.7 77.8 78.0 78.1 7 c . 1 78.1 78.1 78.1 78.2 78.2 78.2 78.2 78.2 77.7 77.6 79.2 78.2 78.7 78.2 78.7 78.2 78.7 78.2 78.7 78.J 73.1 78.1 78.1 78.1 78.1 78.2 78.2 76.3 78.5 78.6 78.7 7 ö . u 78 • 7 75.6 78.6 78.6 78.7 78.8 78.5 78.6 76.7 78.R 78.8 79.8 79.1 79.1 79.2 79.2 79.2 79.2 50001 79.0 81.2 81.3 81.5 81.5 82.6 81.5 82.6 91.6 82.7 G.F 81.4 81.5 31.5 81.6 81.6 81.6 81.6 81.6 81.6 úΕ 45001 75.6 ë 2• J 82.4 82.5 62.6 82.7 84.7 \$2.6 82.7 84.7 82.7 84.7 82.7 84.7 82.7 82.7 4-00 00.5 35.01 80.5 33.9 1.E 84.4 84.5 64.6 84.6 84.6 84.6 84.7 84.7 84.7 üΕ 85.3 65.4 66.3 85.4 85.2 55.4 85.4 85.4 85.5 85.5 95.5 85.5 85.5 85.5 à6.3 86.2 86.3 86.3 36.3 86.5 86.5 86.5 86.5 86.5 86.5 υĒ 25001 62.7 37.3 87.8 88.1 89.3 88.3 83.3 88.3 86.3 89.4 28.4 88.4 88.4 88.4 88.4 88.4 GE 20001 87.9 18001 84.3 89.6 90.2 90.1 90.8 34.9 39.6 89.8 93.0 90.0 90.0 93.6 90.0 93.1 90.1 93.1 90.1 90.1 90.1 90.4 90.6 40.6 90.6 93.6 90.6 90.8 90.8 90.8 90.8 90.8 15001 84.9 r.E 90.5 91.4 91.6 91.8 41.9 91.8 91.B 91.9 91.9 91.9 91.9 91.9 91.9 12001 65.4 93.5 1000] 45.8 72.7 93.5 94.1 94.3 74.3 94.3 94.3 94.3 94.4 94.4 94.4 94.4 94.4 94.4 94.4 903| 55.9 813| 56.1 718| 86.7 94 • 6 95 • 2 95 • 7 6 E 92.9 94.9 93.9 94.9 94.9 94.9 94.9 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.6 95.6 95.5 95.5 95.5 95.5 95.6 95.6 95.6 95.6 GE 96 • 1 96.1 96.0 96. C 96.C 96.1 96.1 96.1 96.1 96.1 ÚΕ 6001 86.0 94.1 95.2 96.2 96.7 96.7 96.8 üΕ 5631 85.8 94.2 95.3 96.9 97.4 97.4 97.5 97.5 97.5 97.6 97.7 97.7 97.7 97.7 97.7 97.7 4001 86.0 3001 86.0 94.6 94.6 95.7 95.6 97.4 97.5 98.3 96.3 95.0 98.5 93.9 98.5 98.6 99.2 98.7 99.5 98.7 99.5 98.7 GΕ 98.5 98.7 98.7 48.9 99.5 99.5 99.5 99.3 99.C L.E 20ul 86.0 94.6 95.8 97.5 99.3 98.7 99.1 99.6 99.6 99.6 1001 66.0 94.6 99.6 99.6 95.8 97.5 99.0 99.6 99.6 98.3 96.7 99.0 99.1 99.4 99.6 99.6 31 86.0 99.6 υĒ 14.6 95.8 97.5 98.3 90.7 99.0 99.0 99.1 99.4 , 99.6 99.6 99.6 99.6 100.0

FOTAL NUMBER OF OBSERVATIONS: 930

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOUPLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER:	722665	STATI	CN NAME:	DYES	S AFG TX					PERIOD	OF REC	DRD: 78	-87		
										MONTH	: MAR	HOURS	(LST):	0600-08	00
														• • • • • • •	
CEILING								IN STATE							
IN I GE	GE	GΕ	GĒ	GΕ	υF	GE	GĘ	GE	GE	GE	GE	GE	GΕ	GE	GE
FEET 10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥
	• • • • • •		• • • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
													/n -	, n r	40.0
NO CEIL 57.5	60.2	63.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	6°•5	60.5	60.5	60.5	60.5	60.8
E 305001 /			46.3		4 . 3	(0.0			(0.3		(0.2	(0.2		68.2	68.4
SE 200001 64.6	67.7	68.0	68 • 2	68.2	60.2	69.2	68.2	68.2	68.2	69.2	68.2	68.2	68•2 69•0		69.2
GE 18700 65.5 GE 16700 65.8	66.6	68.8	69.0	69.0	69.4 69.4	69.0	69.0	69.0	69.0	69.D 69.4	69.U 69.4	69.1 69.4	69.4	69.0 69.4	69.6
	68.9	69.1	69.4	69.4		09.4	69.4	69.4	69.4				70.1		7C.3
SE 14050 66.6	69.7	69.9	70.1	70.1	76.1	70.1	70.1	70.1	70 • 1	70.1	70.1	70 • 1 72 • 0	72.0	70.1 72.0	72.3
GE 120001 68.4	7:.6	71.8	72 • 6	72.0	72.0	72.3	72.0	72.0	72.0	72.0	72.0	12.0	12.0	12.0	12.3
GE 130001 70.0	73.2	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9
	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1
GE 97001 70.2 GE 60001 72.0	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9
	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1
SE 76 CO 1 72 • 3 CE 60 CO 1 72 • 6	75.8	76.1	76 • 3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6
GE 80.001 /2.5	1346	70.1	10.3	10.3	10.3	10.5	, 0 • 3	10.3	.0.5	1943	70.3		10.3	10.7	70.0
GE Shoot 75.2	78.8	79.1	79.6	79.6	79.0	79.6	79.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.8
GE 45621 75.9	79.9	80.3	85.8	3.08	0 L . d	80.8	30.8	63.8	83.63	80.6	80.8	87.8	80.8	80.8	81.0
GE 4000 77.2	e 1.3	51.7	82.2	82.2	92.2	62.2	82.2	62.2	82.2	82.2	82.2	32.2	82.2	82.2	82.4
6E 35001 77.5	91.6	82.0	82.5	82.5	52.5	82.5	82.5	d2.5	92.5	82.5	82.5	82.5	22.5	82.5	82.7
55 35 60 7° 4	A 2 • 6	83.0	83.4	83.4	83.4	63.4	93.4	03.4	A3.4	83.4	83.4	83.4	83.4	83.4	63.7
36 3.601 74	~ 2.0	23.0	63.4	0 3 • 7	53.4	03.4	33. 4	03.4		0,1,4	0,,,	0,,,		03.4	0347
GE 25 GC1 73.9	83.4	84.3	84.4	84.4	84.4	54.4	84.4	34.4	94.4	84.4	84.4	84.4	84.4	84.4	84.6
6E 20001 89.8	H 6 . 1	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.	87.4
CE 1603 91.4	27.0	87.5	88.1	88.1	88.1	88.1	88.1	88.1	98 • 1	80.1	88.1	88.1	88.1	88.1	88.3
GE 15 UNI 82.4	n a • 5	89.0	89 • 7	89.7	89.7	89.7	89.7	89.7	69.7	89.7	89.7	89.7	89.7	89.7	89.9
ΔE 12001 63.3	95.1	90.9	91.6	91.6	91.6	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8
				, •											- •
6E 10001 83.5	96.5	91.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
UE 9301 83.7	91.3	92.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	97.5	93.5	93.5	93.5	93.5	93.8
UE 8UC 87.8	31.6	93.0	94.3	94.3	G 4 . 3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5
CE 7551 83.9	74.2	93.4	94 . 7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
GE 6001 A3.9	92.5	93.8	95.1	95.7	95.7	45.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
5E "CC1 =3.9	92.5	93.9	95 . 6	96.5	96.5	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
CE 460] 83.9	92.5	93.9	95 . 7	96.7	96.7	97.3	97.6	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.3
66 700 1 83.9	72.5	93.9	95 • 7	96.9	9 6 . 9	97.2	98.1	98.1	98.1	98.2	98.2	98.5	98.5	98.5	98.7
UE 2.01 #3.9	92.5	93.9	95.7	96.4	96.9	97.2	98.1	98.1	98.1	90.4	98.4	98.8	98.8	98.8	99.0
GE 1001 83.9	92.5	93.9	95.7	96.9	96.9	97.2	98.1	98.1	98.1	98.5	98.5	98.9	99.2	99.5	99.7
CE 31 53.9	92.5	93.9	95.7	96.9	96.9	97.2	78.1	98.1		99.5		98.9	99.2		100.0
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GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY CUSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: 78-87 HONTH: MAR HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CEILING GE 6E 3 2 1/2 IN | GE FEET | 10 6 E GE 4 GE GE GE 2 1 1/2 1 1/4 GE GE h 1/2 5/16 1/4 0 NO CETE 1 54.7 54.9 54.9 54.5 54.9 54.9 5.4.9 54.9 54.9 54.9 54.0 54.0 54.9 54.0 54.9 GE 000001 64.2 GE 187001 64.9 GE 167001 65.2 55.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 65.9 66.2 66.2 66.2 66.2 66.2 67.1 69.6 66.2 66.2 66.2 66.2 66.2 66.2 66.2 67.1 66.2 66.2 GE 140001 65.0 6.7.1 67.1 67.1 6.7.1 67.1 67.1 67.1 67.1 67.1 67.1 SE 120001 69.1 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 05 longel 69.8 68 9000| 70.6 71.3 71.1 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.5 72.2 74.1 72.2 74.1 72.2 74.1 72.2 74.1 72.2 74.1 72.2 74.1 72.2 74.1 72.2 74.1 72.2 74.1 72.2 72.2 60001 72.6 73.9 74.1 74.1 74.1 74.1 74.1 SE GE 70001 72.7 74.0 74.9 74.2 74.2 74.2 74.2 74.2 60 201 73.7 75.2 75.2 75.2 75.2 75.2 75.2 75.2 50001 75.2 45001 75.7 46001 76.9 35001 77.8 68 76.8 77.0 78.0 77.6 77 . L 77.C 77.0 77 . C 77.0 77.0 77.0 77.0 77.0 77.0 77.0 77.0 77.7 78.0 79.1 78.C 78.0 79.1 78.0 79.1 78 • D 79 • 1 78.C 79.1 78.0 79.1 78.0 79.1 79.0 79.1 78.0 79.1 78.C 78 . C 78.D ьE 78.9 79.1 79.1 79.1 79.1 79.1 AC.2 80.2 (,E 75.9 8 g • 2 8 J • 9 80.2 89.2 83.2 80.2 80.2 80.2 80.2 80.2 80.2 81.0 01.0 81.0 31.0 81.0 25001 79.9 82.7 32.3 82.7 82.8 A .. . 5 63.0 83.0 83.C 83.C 83.0 83.0 83.0 83.0 83.0 63.0 20001 83.2 18001 83.7 86.3 R6 . 3 86.5 86.5 86 • 7 87 • 5 86.7 87.5 85.7 67.5 86.7 86.7 86.7 87.5 86.7 87.5 86.7 87.5 86.7 87.5 86.7 87.5 (, F 36.8 87.2 87.3 B 7 . 3 87.5 87.5 15001 85.4 89.5 89.6 89.8 GΕ 69.0 89.5 69.4 89.8 89.8 89.8 99.4 89.8 89.9 89.8 91.6 91.8 91.8 92.3 92.0 92.0 97.0 92.C 92.0 92.0 92.0 92.0 92.0 10001 66.9 93.1 GE 92.5 92.9 9 2 . 1 91.1 63.3 97.7 97.1 63.3 91.1 93.3 93.3 93.3 93.3 9001 87.1 FUD 87.3 94.4 95.2 GE 93.5 94.0 94.2 94.2 94.4 94.4 94.4 94.4 95.2 94.4 94.4 94.4 94.4 94.4 93.C 94.1 95.2 95.5 95.2 95.5 υE 94.9 94.9 95.2 95.2 95.2 95.2 95.2 95.3 93.1 94.3 94.9 95.3 95.5 95.5 95.5 95.5 95.5 95.5 95.5 GE. 6001 67.3 96.8 96.8 96.8 96.0 96.3 96.6 46.5 96.8 96.8 96.8 96.8 96.9 96.9 5401 87.2 9 1. 9 97.5 97.6 97.7 97.7 99.0 98.0 98.0 98.0 98.1 98.1 (F 4001 87.3 3001 87.3 94.1 95.3 96.3 97.1 97.1 97.3 97.7 97.7 97.8 98.5 98.6 98.5 98.5 98.6 94.0 95.3 GΕ 97.8 99.1 96.3 98.0 98.5 99.1 99.2 99.2 99.4 99.4 97.1 46.3 97.3 98.0 98.5 99.2 99.2 99.5 99.6 99.5 4.00 94.6 99.2 S.F : 031 67.3 95.3 96.3 97.1 97.7 97.8 98 . C 99.6 21 87.3 94.3 r.F 95.3 96 . 3 97.1 97.3 97.7 97.8 99.6 99.7 100.0

ULUBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER					•					MONTH		HOURS		1200-14	36
CEILING	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • •	• • • • • • • • •		EILITY				• • • • • • •			• • • • • • • •	
IN GE FEET 1		G € 5	GE 4		GF 2 1/2	6 E 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	G E 5 / 8	GE 1/2	GE 5/16	GE 1/4	GE O
NO CEIL 54.		55.7	56 • ü	56.1	* : •1	56 • 1	56•2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 200001 67. GE 180001 67. GE 160001 67. GE 140001 63. GE 120001 71.	69.0 69.1 70.4	68.9 69.5 69.6 70.9 73.8	69.2 69.d 69.9 71.2 74.1	69.4 69.9 70.0 71.3 74.2	69.4 69.9 70.0 71.3 74.2	69.4 69.9 70.0 71.3 74.2	69.5 70.0 70.1 71.4 74.3	69.6 70.1 70.2 71.5 74.4	69.6 70.1 70.2 71.5 74.4	69.6 70.1 70.2 71.5 74.4	69.6 70.1 70.2 71.5 74.4	69.6 70.1 70.2 71.5 74.4	69.6 70.1 70.2 71.5 74.4	69.6 70.1 70.2 71.5 74.4	69.6 70.1 70.2 71.5 74.4
SE 10000 72. GE 9000 77. GE 8000 74. GE 7000 75. GE 6000 75.	75.1 76.9 77.4	75.3 75.5 77.4 78.3 78.4	75.6 75.8 77.7 76.3 78.7	75.7 75.9 77.8 78.4 78.8	75.7 75.9 77.8 78.4 78.4	75.7 75.9 77.8 78.4 76.8	75.8 76.0 78.0 78.5 78.9	75.9 76.1 78.1 78.6 79.0	75.9 76.1 78.1 78.6 79.0	75.9 76.1 78.1 78.6 79.0	75.9 76.1 78.1 78.6 79.0	75.9 76.1 78.1 78.6 79.0	75.9 76.1 78.1 78.6 79.3	75.9 76.1 78.1 78.6 79.0	75.9 76.1 78.1 78.6 79.0
GE 5000 76. GE 4500 74. GE 4600 74. GE 3500 79. GE 3700 61.	79.0 3 60.8 3 82.3	79.2 79.7 81.4 32.9 84.5	79.6 80.0 81.6 83.3 84.9	79.7 80.1 61.9 83.4 85.1	79.7 30.1 81.9 83.4 85.1	79.7 80.1 81.9 83.4	79.8 80.2 82.0 33.5 85.2	79.9 80.3 82.2 83.7 85.3	79.9 90.3 P2.2 83.7 85.3	79.9 80.3 82.2 83.7 85.3	79.9 80.3 82.2 83.7 85.3	79.9 80.3 82.2 83.7 85.3	79.9 80.3 82.2 83.7 85.3	79.9 80.3 62.2 83.7 85.3	79.9 9C.3 82.2 P3.7 85.3
GE 25001 83. GE 20001 P5. GE 19761 56. GE 15001 86. GE 12001 87.	92.0 92.1 93.7	86.9 89.7 90.6 92.4 93.7	87.3 90.1 91.2 92.8 94.1	87.4 90.2 91.3 92.9 94.2	57.4 90.2 91.3 92.9 94.2	87.4 90.2 91.3 92.9 94.2	87.5 90.3 91.4 93.0 94.3	87.6 90.4 91.5 93.1 94.4	87.6 90.4 91.5 93.1 94.4	87.6 90.4 91.5 93.1 94.4	87.6 90.4 91.5 93.1 94.4	87.6 90.4 91.5 93.1 94.4	87.6 90.4 91.5 93.1 94.4	87.6 90.4 91.5 93.1 94.4	67.6 90.4 91.5 93.1 94.4
GE 1000 87. GE 900 88. GE 800 89. GE 700 88. GE 600 83.	3 95.1 95.5 95.6	95.4 96.2 96.7 96.8 97.1	95.8 96.7 97.1 97.2 97.6	96.9 96.9 97.3 97.4 97.8	96.1 97.0 97.4 97.6 98.4	96.1 97.0 97.4 97.6 98.4	96.2 97.1 97.6 97.8 98.7	96.3 97.2 97.7 98.0 98.8	96.3 97.2 97.7 98.0 98.8	96.3 97.2 97.7 93.0 99.8	96.3 97.2 97.7 98.0 98.8	96.3 97.2 97.7 98.0 98.8	96.3 97.2 97.7 98.0 98.8	96.3 97.2 97.7 98.0 93.8	96.3 97.2 97.7 98.0 98.8
OE 500 88.0 OE 400 84.0 UE 300 84.0 OE 200 84.0 OE 100 85.0	96.0 96.0 96.0 96.0	97.3 97.3 97.3 97.3 97.3	98 • 1 98 • 1 98 • 1 98 • 1	98.4 98.4 98.4 98.4 98.4	96.9 98.9 98.9 98.9 98.9	99.0 99.0 99.1 99.1 99.1	99.5 99.6 99.7 99.7 99.7	99.6 99.7 99.9 99.9	99.6 99.7 99.9 99.9	99.6 99.7 99.9 99.9	99.6 99.7 99.9 99.9	99.6 99.7 99.9 99.9	99.6 99.7 99.9 100.0	99.6 99.7 99.9 100.0 100.0	99.6 99.7 99.9 100.0
PE 01 54*	96.0	97.3	98.1	98.4	9 n • 9	97.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

CLOBAL CLIMATCLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FRENCENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DVESS &FR TY

STATION NUMBER:	722665	STATI	CN NAME:	DYES	S AFR TX					PEPIOD	OF REC	OPD: 78	-87		
										MONTH	: MAR	HOURS	(LST):	1500-17	CC
													• • • • • •		
CEILING		_						IN STATE			_				
IN GE	GE.	GE	GE	GΕ	6.5	U.E.	GE	GE	GE	GE	G £	GE	GE	GE	GE _
FEET 10	£	5	4		2 1/1		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • •			• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
NO CETE 1 52.5	54.5	54.2	54.6	54.9	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
110 0010 1 243	, ,,,	34.2	34.0	54.7	33.2	33.4	33.4	33.0	,,,,	5 / 60	,,,,	,,,,		37.0	73.0
GE 105001 69.5	71.1	71.5	72.5	72.6	72.8	73.0	73.C	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
TE 182001 67.9	72.2	72.0	73.5	73.7	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
JE 160 001 70.1	72.4	72.8	73.8	73.9	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
JE 140401 70.6	72.9	73.3	74 . 3	74.4	74.6	74.9	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
⊎E 12048Î 72.0	74.3	74.7	75 • 7	75.8	76.6	76 .7	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
				•											
SE 100001 73.4	75.9	76.3	77.3	77.4	77.6	17.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78 • 1	78.1
of 9000 77.5	76.0	76.5	77.4	77.5	77.7	78.0	78.0	78.2	78 • 2	78.2	78.2	78.2	78.2	78.2	78.2
UE 87431 74.8	77.5	78.3	78 • 9	79.C	79.2	79.5	79.5	79.7	79.7	70.7	79.7	79.7	79.7	79.7	79.7
NE 70001 75.3	76.G	78.4	79.4	79.5	79.7	79.9	79.9	80.1	80.1	81.1	80.1	80.1	90.1	80.1	8 C • 1
66 60 CO 1 75.4	78.1	78.5	79.6	79.7	77.9	67.1	80.1	80.3	80.3	80.3	80.3	80.3	8 O • 3	80.3	90.3
	30.3			01 "	0.1	81.8	81.8	82.0	82.0	6. 0			82.0	82.0	82.0
HE ECOO! 76.5	75.7	80.1	E1 • 3	81.4	81.6		-			87.0 87.3	82.0 93.3	82.0 83.3			83.3
GE 4/chi 77.4	r C • 6	81.1	52 • 3	82.4	92.6	82.9	82.9	83.1	P3.1 86.5		86.7	86.7	A3.3	83.3 86.7	86.7
6E 46C01 80.3	5 3 • 7	84.2	85 • 5	85.7	65.5	06.2	96.2	86.5		86.7			86.7 89.J		
35.01 a2.3	7 E . L	66.6	87 • 0	1.63	50.3	88 • 6	89.6	89.8	98.5	89.0	39.0	89.0		89.0	89.J 91.5
UE 25001 94.5	~ 8 . 4	88.9	QC • 3	90.5	96	91.1	91.1	91.3	91.3	91.5	91.5	91.5	91.5	91.5	71.5
GE SEUCH AS.F	9 9 . 7	90.2	91.6	91.8	92.0	97.4	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
SE 2' COT 86.5	51.3	91.8	93.3	93.5	73.6	94.1	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
UE 18321 36.7	91.5	92.U	93.5	93.8	94.6	24.5	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7
UF 15001 67.2	72.5	93.0	94.6	94.8	95.1	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 12001 97.5	91.2	93.0	95.5	95.7	95.9	96.2	96.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
GE 10001 -:.o	73.6	94.5	96.3	46.6	96.€	97.1	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
96 1576 39	9 : +	94.5	96.5	46.7	96.9	97.2	97.2	97.5	97.5	97.7	97,7	97.7	97.7	97.7	97.7
UE 9021 #8.2	94.0	94.6	96 • 8	97.C	97.2	97.5	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
SE 7071 68.7	94.2	95.1	97.1	97.4	97.7	98.1	90.1	48.4	98.4	48.6	99.6	98.6	98.6	98.6	98.6
66 / 4001 49.3	74.2	95.1	97.4	97.7	98.1	94.4	98.5	98.8	96.6	99.C	99,0	99.0	99.0	99.0	99.0
CE 5.01 56.4		95.4	97.8		0 5	99.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	· 4 • 5	_		65.5	90.5								100.0		100.0
36 4.31 = 2.4	94.5	95.4	97.8	98.2	6a.5 9a.5	98.9	99.4	99.8 99.8	99.8 99.8	100.0	100.0	100.0	100.0	100.0	100.0
ot 1071 ef.4	, 4, 5	95.4	97 · d	99.2	70.5	98.9	99.4	99.8	39.6	100.0	100.0	100.0	100.0	100.0	100.0
af 1527 58.4 af 1501 57.6	94.5	95.4 95.4	97.8 97.8	98.2	96.5 98.5	98.9	99.4	99.8	79.6	100.0	100.0	100.0	100.0		100.0
of 100 and 100	-4.5	7714	71.0	*0	77. 63	, , ,	, , , 4	,,,,	* * • 6	10.100	103.0	100+0	100.0	100.0	1000
61 91 95.4	94.5	9 . 4	97.6	94.	38.5	90.0	99.4	99.8	99.8	190.0	100.0	100.0	100.0	100.0	100.0

GLOMAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATICN NUMBER: 722665 STATION NAME: DYESS AFR TA											PERIOD OF RECORD: 78-87 MONTH: MAR HOURSILSTI: 1830-2000						
•••						• • • • • •											
CE I	LING							V 151	BILITY	IN STATE	JTE MIL						
		SE	C£	SE	GE	GΕ	G.f.	G.E.	Ġ٤	GE	GE	GE	GΕ	GE	GΕ	GE	G€
		1.7	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	a
• • •	• • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	· • • • • • • • •		• • • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
20.01	CEIL	- 4	60.2	60.5	60 • 9	60.9	61.0	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
O.F	200001	77 4	73.0	73.3	73.8	73.8	73.9	74.1	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	197001		73.2	73.7	74.1	74.1	74.2	74.4	74.5	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	160001		73.5	74 • 1	74 - 4	74.4	74.5	74.7	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	140001		75.7	76.1	76 • 6	76.6	76.7	76.9	77.C	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	120001		77.4	77.ê	76.3	78.3	76.4	78 • 6	78.7	79.0	79 D	79.0	79.0	79.3	79.0	79.0	79.0
UI	1	1405	11.4	11.5	10.3	10.3	77.9	75.0	19.1	1700	17.0	1740	17.0	1764	1700	1760	,,,,
LF	100001	75.9	79.1	79.6	80.0	80.0	85.1	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
t,E	90 001		75.1	79.6	80.0	87.0	86.1	60.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	8 D • 8
h	87.001		8 C • 6	a 1 • 2	81.6	81.6	81.7	61.9	82.C	82.4	92.4	82.4	82.4	82.4	82.4	82.4	82.4
ÜE	70 00 1		£ 1.3	81.0	82.3	82.3	8.4	82.6	82.7	63.C	93.0	83.0	83.0	83.0	83.0	83.0	83.0
üΕ	67.001		5 l • 8	82.4	82.0	82.8	82.9	83.1	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
U.L	0.001	• • • •		02.4	02.0	C L • O	₹ • • /	5 / • 1	03.2	0343		0,43	0313	03.3	0303	0513	0000
GE	50001	79.5	53.2	83.8	84.3	84.3	84.4	84.6	54.7	85.1	85 • 1	85.1	85.1	85.2	85.2	85.2	85.2
υE	45 00 1	-	34.9	85.5	86 • ü	86.0	86.1	86.3	86.5	86.8	86.8	86.8	86.8	86.9	R6.9	86.9	86.9
GΕ	40001		6.5	87.0	37.0	87.6	87.7	68.0	88.1	88.4	88.4	88.4	88.4	88.5	88.5	89.5	88.5
6E	35 001		- 7.7	č8.3	56.9	85.9	89.0	89.2	99.4	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
LE	31.631		95.6	90.2	91.0	91.0	91.1	91.3	91.4	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
C	2.001	0 1 1 1		, , , , ,		, ·	• • •	7	7.0 4	,		,					,
	25.001	84.3	9ۥ0	90.6	71.4	91.4	91.5	91.7	91.8	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
SE	20001		92.3	92.4	93.7	93.7	93.6	94.0	94 . 1	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
úΕ	18 651		92.7	93.3	94	94.2	94.3	94.5	94.6	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
υE	15.651		93.4	94.3	95.2	95.2	95.3	95.5	95.6	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
u.c	12.01		63.9	94.7	95.6	95.6	95.7	ç ç y	96.0	96.3	96 . 3	96.3	96.3	96.5	96.5	96.5	96.5
•			•					•		, , , ,							
Ű€	10 00 (87.€	94.6	95.5	96.3	96.3	96.5	96.7	96.8	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
C.E		97.8	95.1	96.1	97.1	97.1	97.2	97.4	97.5	98.€	98.5	98.3	98.0	98.1	98.1	98.1	98.2
ÜE	eani	1.53	95.3	96.3	97.3	97.3	97.4	97.6	97.7	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.4
5.5		48.7	45.4	96.5	97.4	97.4	27.5	97.7	97.8	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.5
GE		89.3	95.6	96.5	97.7	97.7	97.8	98.1	93.3	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9
GE	1031	68.3	95.9	97.1	98.2	98.2	96.4	98.7	99. €	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
úΕ	4.31	c4.3	95.9	97.1	96	98.2	98.4	98.5	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE	7001	68.3	45.9	97.1	98.2	36.3	98.5	94.9	39.2	99.8	99.8	79.8	99.8	99.9	99.9	99.9	100.0
ijΕ	2 00 1	88.3	95.9	97.1	98.2	98.3	9 E . S	48.4	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
υĿ	1001	88.3	95.9	97.1	98.2	99.3	9 E . 5	96.9	39.2	99.4	99.8	99.8	99.8	99.9	99.9	99.9	160.0
ĊΕ	21	18.3	45.5	97.1	98 • 2	98.3	95.5	90.9	99.2	99.9	99.8	79.8	99.8	99.9	99.9	99,9	100.0

GLOBAL CLIMATGLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUGHLY OBSERVATIONS

SAFETAC FROM HOURLY OBSERVATIONS
IN WEATHER SERVICE/MAC

STATION NUMBER: 702665 STATION NAME: DYESS AFP TX										PEPIOD OF RECORD: 78-87 MONTH: MAR HOURS(LST): 2100-2300								
CEILING VISIBILITY IN STATUTE MILES															••			
		CE	£	3.0	G.E.	GE	t, E	GE	GF.	6F	6E	GE	GE	GE	GE	GŁ	GE	
	ET		6	5	4		2 1,2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥	
																	• • • • • • • • • • • • • • • • • • • •	•
NO	CEIL I	66.2	68.3	68.4	68.5	68.5	66.5	64.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68 • 7	68.7	
GΕ	200001	74.1	76.5	76.6	76.8	76 . E	76.€	77.0	77.C	77.C	77.c	77.0	77.0	77.0	77.0	77.0	77.0	
	180001		76.7	76.9	77 • 1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
ijΕ	190001	74.3	76.7	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
	140001		76.9	77.1	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
ÜE	150001	75.7	78.1	79.3	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78,7	78.7	78.7	
	100001		40.2	83.4	90.0	87.6	82.0	80.9	83.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
UΕ	90001		6 C • 3	80.5	8.38	8.0.€	8 C • B	61.0	81.0	81.C	61.0	81.0	91.0	81.0	91.0	81.C	8 1 • G	
€:E	80001		# 1 • 3	81.5	81.6	81.8	61.6	62.5	82.0	82.C	82 • C	82.0	82.0	82.0	82.0	82.0	82.0	
C.E.	70 55 \		* 1.6	81.0	82 • 2	€2•2	8 2 • 2	62.4	92.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
ÚΈ	60001	79.9	9.2.2	82.4	92 • 7	82.7	82.7	82.9	82.9	62.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
υf	5-1-1	51.1	£4.9	85.5	85.7	65.8	85.6	86.7	96.C	86.C	96.0	86.0	86.0	86.0	86.0	86.0	86.0	
υE	45.001		36.7	67.6	87.4	87.5	57.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
GE.	40 201		F 6 . 2	68.5	58.9	89.L	89.0	69.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	99.2	
űF	35.001		, 9 . 6	89.1	89.5	89.7	89.7	69.5	99.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
L.E.	30.00		99.7	90.0	90.4	97.6	9.0 •€	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
· •	J. CC	0		,,,•0	7014	,,,,,	· . •€	9.747	, ,	,,	,,,,	, • ,	.0.7	,,,	, , ,		, , ,	
٤υΕ	25001	84.2	90.0	93.4	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
υE	20001		91.6	92.3	92.7	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
G.E.	19601		2.2	92.6	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
t.E	15051	67.5	9 3 . 3	93.6	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
6F	12671	69.5	74.6	95.2	95 . 6	45.8	45.8	96.3	96 • C	96.0	96.0	96.0	96 • D	96.0	96.0	96.0	96.0	
ĹŁ	17361	59.7	95.5	96.0	96.5	56.7	76.7	96.9	96.9	96.9	96.5	96.9	96.9	96.9	96.9	96.9	96.9	
SE	9501	F 3 . 5	95.7	96.2	96.8	97.0	97.ü	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
₩E.		69.5	95.9	96.7	97.2	97.4	97.4	47.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
6F	7 00 T	67.7	46.7	97.5	98 • 1	93.3	96.3	50.5	98.5	98 . 5	78.5	99.5	98.5	98.5	98.5	98.5	98.5	
G.E.	6001	87.1	46.6	97.9	98.4	98.6	91.6	Ad tu	98.8	98.8	98 • 8	9 19 . 8	98.8	98.8	98.8	98.8	98.8	
					00.1		64.4		00.4								00.7	
CE		23.1	97.1	98.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
υĹ		F9.1	97.1	98.1	99.1	99.5	99.5	99.7	97.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
υL		87.1	77.1	98.1	99 • i	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
LΕ		5 ° . !	97.1	98.1	99.1	99.5	44.5	57.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	
(`i	1001	$I \bullet \circ \varepsilon$	97.1	48.1	99.1	99.5	47.5	79.7	34.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	
ωĒ	21	59.1	97.1	98.1	99.1	97.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	
					_									•			-	

TOTAL SEMBLE OF OFSERVATIONS: 930

AIR MEATHER SERVICE/MAC

GLOWAL CLIMATCLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFF TX PEPIOD OF RECORD: 78-87 MONTH: MAR HOURS (LST): ALL . VISICILITY IN STATUTE MILES CE IL I 46 G£ GE GE IN | SE FEET | 19 CE GE GE GE GE 4 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE 5 E GE 1 3/4 5/8 1/2 5/16 1/4 ٥ 61.7 61.7 61.7 61.7 NO CETE 1 57.5 61.0 61.2 01.5 61.5 61.5 61.6 61.6 61.7 61.7 61.7 UE 200001 69.4 SE 182001 69.9 UE 162001 70.1 GE 141001 71.0 72.0 72.2 72.2 72.2 72.2 72.2 72.3 71.4 71.6 72.6 72.0 72.1 72.2 72.2 72.2 72.C 72.2 73.1 72.2 72.5 73.3 72.7 72.8 72.6 72.6 72.6 72.7 72.8 72.8 72.8 72.8 72.8 72.8 72.9 72.8 72.6 72.9 72.9 73.9 73.C 73.1 73.1 73.1 73.1 73.9 73.1 73.9 73.1 73.9 73.1 73.9 73.1 73.9 73.9 73.9 73.6 73.8 73.9 120001 72.5 75.6 OF 10mcd1 74.0 GE 90001 74.2 GE 80001 75.4 GE 70001 75.8 77.2 76.4 76 . 9 77.C 77.5 77.1 77.1 77.2 76.6 77.5 76.6 76.6 77.2 77.2 77.2 77.3 77.3 77.4 77.4 77.4 77.4 77.4 77.4 77.4 17.5 78.2 70.6 78.6 76.6 78.7 74.1 78 • 8 79 • 2 78.8 78 • 6 79 • 3 79.8 78.8 78.8 78.8 78.8 79.3 76.9 79.3 78.4 78.6 79 . . 79.6 79.3 79.3 79.3 79.8 79.5 79.7 79.1 79.8 79.8 79.8 60 00 | 76 . 3 81.9 81.9 81.9 81.9 50601 77.5 81.9 81.9 81.9 81.9 35.8 81.2 81.6 81.7 61.7 81.9 91.8 45201 78.7 45001 80.2 C. Ta 03.1 83.2 83.2 83.2 82.9 51.9 64.7 85.6 83.1 93.2 92.6 83.1 υE 82.4 13.7 85.0 85.0 84.1 84.6 64.7 84.8 64.9 84.9 85.0 85.0 85.0 85.0 86.0 97.4 35 u01 61.1 37 c01 62.0 85 . 7 65.8 85.9 95.9 86.0 86.1 SE - 4.6 85.2 86.1 86.1 96.1 66.1 86.1 - £.0 86.5 97.3 87.4 87.2 87.7 88.7 98.7 25001 83.1 68.5 88.6 6E 85 . . 88.4 20.4 21001 84.9 18001 95.3 90.7 90 • 8 91 • 5 90.9 91.0 91.0 91.0 91.0 91.0 91.0 45.4 90.0 90.5 97.7 90.8 90.9 ĢΕ 0.5 • C 91.6 93.5 91.6 93.0 91.6 91.6 91.6 91.6 90.6 91.1 91.3 91.3 91.5 91.6 91.6 93.0 93.0 93.D 93.1 15.21 E6.1 12.201 E6.8 92.9 91.4 92.0 92.7 92.9 1.E 92.6 92.6 93.3 94.4 94.4 94.4 ...6 10001 57.1 93.4 94.2 95 • U 95.2 95.2 95.3 95.5 95.5 95.5 95.5 95.5 95.5 95.6 GΕ 95.4 96.2 96.7 97.2 96.2 • 96.7 97.2 96.1 96.5 97.0 96.2 96.2. 94.8 95.9 96.2 96.2 90.2 96.3 9001 67.3 52.9 95 • 7 95.9 96 .J ű.E 9301 87.4 7331 87.5 6301 87.5 96.5 96.6 97.1 96 • 7 97 • 2 96.7 96+7 97+2 94.3 96.1 96.3 96.4 96.7 97.1 94.5 96.5 95.6 96.6 9 t . b UΕ 97.u 97.8 97.6 97.7 97.8 97.8 97.8 97.9 97.8 97.9 97.9 96.1 98.8 5001 87.5 96.2 97.5 97.9 99.3 98.7 98.7 99.8 98.8 98.8 99.8 98.9 GE 4001 a7.5 3001 a7.5 3001 e7.5 95.1 96.2 97.6 97.7 99.1 9 t + 3 98.6 98.9 99.C 99.1 99.2 99.5 99.2 99.2 99.2 99.2 99.3 99.6 99.6 99.7 99.6 96.3 96.3 99.6 : E 95.1 99.3 98.5 95.1 90.9 99.1 99.2 99.3 99.5 99.5 99.7 99.7 97.7 46.5 G 1001 67.5 96.3 97.7 98.3 76 .5 90.1 99.1 99.2 99.3 99.6 99.6 99.7 99.8 99.8 99.9 99.3 01 27.5 96.3 97.7 98.3 90.5 98.3 99.1 99.2 90.6 99.6 99.7 99.8 99.8 100.0 υŧ

GLOBAL CLIMATCLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

							S AFB TX	MONTH: AP												
		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •			SIBILITY IN STATUTE MILES											
LEI	LING	ĹĿ	GE	GE	GE	GE	6 F	GE	GE	GE	GE JIE WIL	.c.s GE	GE	GE	GЕ	G£	GE			
FÉ			6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0			
•••	• • • • • •	• • • • •	• • • • • • •																	
*40	CEIL I	t = . 7	71.4	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4			
						-														
üΕ	250001	75.2	7 4 . 9	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9			
4.E	180001	75.2	78.9	79.7	79.7	79.8	75.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9			
GE	160001	75. 2	79.C	79.5	79.8	79.9	79.9	79.9	80.0	გე.ე	80.0	80.0	80.0	80.0	80.0	8n.c	80.0			
υ£	140 001	75.8	75.4	80.2	80.3	80.3	50.3	80.3	80.4	80.4	80.4	8.7.4	80.4	80.4	90.4	80.4	80.4			
o £	izacal.	76.4	20.1	80.9	83.9	81.C	51.0	01.0	51.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1			
€	100001	77.4	81.3	82.1	82.2	62.3	82.3	e 2 • 3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7			
G.F	90001	77.7	51.6	82.3	82 • 4	82.6	62.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9			
υŁ	67001	79.1	s 2 · 1	83.9	84.0	84.1	84.1	34.1	54.3	64.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4			
SΕ	70001	79.7	9 3 • 9	84.7	84 . 5	84.9	84.9	84.5	85.1	85.1	85 • 2	85.2	85.2	85.2	85.2	85.2	85.2			
J.E.	10003	79.5	34.0	34.8	84.9	85.0	85.0	85.0	35.2	85.2	95.3	85.3	85.3	85 • 3	85.3	85.3	85.3			
υĒ	50001	51.6	95.8	86.6	86 • 7	8.63	56.6	86.8	87.C	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1			
υE	45.001	62.4	5 E . 7	87.4	27.6	87.7	£7.7	87.7	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0			
٦٠	40001	83.4	A7.9	6.88	89.2	89.3	89.3	89.7	89.6	89.6	89.7	59.7	89.7	89.7	89.7	89.7	89.7			
üξ	35001	84.2	98.7	a9.6	90.0	90.1	92.1	90.1	90.3	90.3	90.4	97.4	90.4	93.4	90.4	90.4	90.4			
υE	30 00 1	85.4	95.0	90.9	91.4	91.6	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9			
G E	25 001	F5.8	91.7	92.6	93.1	93.2	93.2	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6			
SE	26 001	87.2	92.6	93.4	94 . C	94.1	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4			
ωE	18 (01	87.6	92.9	93.6	94.3	94.4	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8			
٦Æ	15001	60.3	23.7	94.6	95 • 1	95.2	95.2	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6			
64	10051	66.3	94.1	95.0	45.6	95.7	95.7	95.7	95.9	95.9	96 • C	96.0	96.0	96.0	96.0	96.D	96.3			
SE	1000	8 - 4	94.9	95.9	96.8	96.9	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2			
úΕ	9 00 1	99.4	95.2	96.2	97.2	97.3	97.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7			
üΕ	1531	60.6	¥5.6	96.8	97.6	97.9	97.5	97.9	98.1	98.1	98.2	90.2	98.2	98.2	98.2	98.2	98.2			
ાં દ	7621	85.6	25.9	97.1	98 • 1	98.2	98.2	98.2	99.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6			
ĢΕ	1001	68.8	96.3	97.6	98.6	98.7	96.7	98.7	98.9	98.9	99.0	90.0	99.0	99.0	99.0	99.0	99.0			
υE	5001	68.€	96.7	97.9	99.3	99.2	99.2	99.2	99.4	99.4	99.6	90.6	99.6	99.6	99.6	99.6	99.6			
ĢΕ		69.6	96.7	98.0	99 • i	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7			
i E		5 ft • B	7 € • 7	C.89	99.1	99.3	99.3	99.3	99.6	99.6	99.7	79.8	99.8	99.8	99.8	99.8	59.8			
v.E	7001	~ ~ . D	76.7	98.0	99.1	99.3	99.3	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8			
f, E	1.51	F 3 . 9	4 € • 7	98.0	99.1	99.3	99.3	49.3	99.6	99.6	99.7	8.00	99.8	99.8	99.8	99.8	99.9			
LE	21	A 8 . 8	96.7	98•0	99.1	99.3	94.3	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0			

GLOBAL CLIMATCLOGY BRANCH LSAFLIAC Alm Weather Service/Mac

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ALL WENTER SERVICENT NO.

\$17	TICN N	UMRER:	722665	STETI	ON NAME:	DYES	S AFE TX					PERIOD	OF RECO	RD: 78	-87		
												MONTH	: APR	HOURS	(LST): (0300-05	CG
													• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • •
	LING	_								IN STATE				• •			
		CL	GE	GE	ůE.	₽£.	C.E.	(· F	GE	GE	ee.	GE	GE	GE	GE	GE	GE _
	ET 1	; (£	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
• • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • • • •		• • • • • • • • •					• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO	CEIL I	69.7	71.7	71.9	72 • 1	72.2	72.2	12.42	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
6 F	200001	12.7	76.4	76.8	77.3	77.1	77.1	77.:	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
	180 001		76.4	76.0	77 . C	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
	160001		76.4	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
ÜE	140001	72.9	76.7	77.0	77.2	77.3	17.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE	120001	73.3	77.2	77.6	77.6	77.9	71.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
υĒ	100001	73.9	71.9	78.2	78 . 6	79.7	76.7	74.7	78.7	78.7	78.7	78.7	79.7	78 • 7	78.7	78.7	76.7
LE	90001		78.0	78.3	78.7	73.€	7 = .6	72.8	78.8	78.9	78.8	78.9	78.8	78.8	78.8	78.8	78.8
GE	arcol	75.€	75.6	79.9	80.2	90.3	36.3	a: - 3	80.3	80.3	90.3	80.3	80.3	80.3	80.3	87.3	£0.3
UΕ	70001	75.8	79.8	80.1	80.4	87.6	96	80.6	50.6	80.6	₽0.6	87.6	80.6	80.6	A D • 6	80.6	PO.6
GE	PG 00	76.4	÷ C • 4	83.8	91.1	81.2	21.2	51 •2	81.2	•1•2	81.2	81.2	91.2	81.2	81.2	81.2	81.2
GE	50001	70.4	R 2 • 4	82.0	83.1	63.2	83.2	57.2	93.2	83.2	93.2	83.2	83.2	83.2	83.2	ò3•2	83.2
GE	45 CQ	78.9	8 . 9	83.2	53 • 7	83.8	83.0	H 3 + H	9 3 . 8	5.8	93.8	83.8	93.8	83.9	83.8	63.8	83.6
٥E	40001		85.1	85.4	85.9	86.0	40.0	96.0	86.C	66.€	96.0	9 K • D	96.0	86.0	86.0	86.C	86°C
GE		61.7	85.7	86.3	86.6	85.7	86.7	s6.7	86.7	86.7	96 • 7	86.7	86.7	86.7	86.7	46.7	86.7
űE	30.001	81.8	36.4	86.8	87.6	87.7	57 . 7	67.7	87.7	87.7	87.7	87.7	87.7	87•7	87•7	87.7	87.7
GE	25 cal	87.7	9 č • 1	88.4	89.2	69.3	ė5.3	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
r, E	20.001		89.6	89.9	90.7	90.8	90.6	97.5	90.8	90.8	90.8	91.8	90.8	90.8	90.8	90.8	9C.8
6€	18 501		90.2	92.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
UF	15001	05.4	91.8	92.2	93.5	93.4	43.4	93.4	93.4	93.4	93.4	97.4	93.4	93.4	93.4	93.4	93.4
üΕ	1200]	86.9	92.6	93.2	94 • 4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	44.6	94.6
GE	10001	ε7.1	93.8	94.4	95 • ĕ	95.9	95.9	95.9	95.9	95.9	95.6	95.9	95.9	95.9	95.9	95.9	95.9
ũΕ	9.001	67.2	94.4	95.1	96.6	96.7	96.7	96.7	96.7	96.7	76.7	96.7	96.7	96.7	96.7	96.7	96.7
υE	8661	67.3	95.4	96.1	97.8	97.9	97.9	97.9	97.9	47.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
ij.F.	7001	67.7	96.1	96.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	96.8
υĒ	6001	P 7 • 7	90.1	96.9	96 • 7	99.9	96.9	99.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
C.E	5 601	87.8	76.4	97.2	99.1	99.3	99.3	99.2	99.3	99.3	99.3	90.3	99.3	99.3	99.3	99.3	99.3
υE		67.8	76.4	97.3	99.3	99.6	99.6	20.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
G E		87.5	16.4	97.3	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
Ų.€		57.E	7 E . 4	97.3	99.3	49.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
üΕ	1001	÷7.9	9 6 • 4	97.3	99 • 3	99.6	99.6	99.7	79.8	99.8	99.9	99.9	99.9	99.9	09.9	99.9	99.9
C.E	:1	87.8	46.4	97.3	99.3	99.6	99.6	99.1	99.8	99.8	99.9	99.9	99.9	99.9	93.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP IX

PERIOD OF RECORD: 78-87 MONTH: APR HOURS (LST): 0600-0800 CE IL It: G VISIBILITY IN STATUTE MILES GE UT 3 2 1/2 IN | GL FEET | 1 GE GE 5/8 CE GE r, GE 5 i GE GE 2 i 1/4 GE GΕ GE 1 3/4 1/2 5/16 ū NO CETA 1 59.1 61.9 62.2 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 57.6 (5.3 6 R . C 69.3 60.7 68.9 6.9 69.9 68.9 68.9 68.9 68.9 68.9 GE 201001 64.1 6å•2 68.9 69.1 69.1 69.7 68.9 68.9 69.1 69.1 69.1 59.1 GE 180001 64.3 67.6 68.2 66.4 68.€ 00.6 69.1 69.1 69.1 69.1 69.1 68.6 69.1 69.1 69.1 GE 160001 64.3 GE 140001 64.9 68.2 68.4 69.1 69.1 57.8 50.0 69.0 69.1 69.1 56.4 49.7 69.7 69.7 69.7 69.7 69.7 69.7 68.3 68.5 77.7 71. 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 UE 100001 67.8 71.7 72.1 72.5 72.7 12.7 7 7 . 7 73.3 73.3 73.7 73.3 73.3 73.3 73.3 90001 6:00 and01 70.0 71.9 72.9 75.0 72.9 77.2 73.6 75.6 73.6 75.6 73.6 73.6 75.6 73.6 75.6 73.6 73.6 75.6 73.6 75.6 72.3 72.0 72.9 73.6 74 . 2 Ĵξ 74.3 74.5 75.6 76.7 76.7 75301 71.1 75.4 75 , 76.0 باء جو 76.5 75.7 GE 77.6 77.6 77.6 77.6 77.6 77.6 ĢΕ 50001 74.3 79.0 75.7 79.6 a6.1 ⊬1.3 93.4 63.4 90,4 80.4 80.4 80.4 80.4 80.4 45 CO | 75.0 19.7 83.1 82.6 A 1 .C H 3 .7 91.7 84.3 91.7 84.3 81.7 84.3 81.7 84.3 SE 90.9 97.6 51.t 81.7 01.7 81.7 61.7 81.7 84.3 94.3 84.3 63.7 84.3 C.E. H4.0 94.3 ٠, ١, ١ 85.7 85.7 85.7 85.7 85.7 85.7 35 001 78.0 34.9 6. 3 85.7 ⊕£ 03.6 a5.7 a 1. 7 65.6 36. 1 86.3 96.3 86.3 86.3 86.3 86.3 4.E 25601 70.7 45.6 87.C r7.1 87.8 87.9 97.8 87.8 87.8 87.8 87.8 89.9 67.8 87.8 Et . 8 2101 -1.3 87.4 94.68 69.⊔ 89.1 89.3 99.9 99.9 Ū.€ ⊲1.0 89.2 34 .€ 89.9 89.9 89.9 89.9 89.9 89.9 16001 01.6 P 7 . . 95.4 90.1 90.1 90.1 90.1 90.1 90.1 90.1 91.5 93.1 6E 92.0 92.0 92.0 92.0 92.0 92.0 90.0 1.F 91.2 93.4 93.2 94.2 94.2 94.2 94.2 94.2 (.E 10001 44.5 97.3 42.9 74.7 95.1 95.2 45.6 95.9 96 . C 96.0 96.0 96.0 96.0 96.0 96.0 96.0 95.; 95.6 9001 84.L 8001 84.2 92.7 95.7 96.4 96.4 96.4 96.4 (,E 93.2 96.3 96.3 96.4 96.4 96.4 96.4 43.8 95.0 46.8 97.1 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 GE 99.1 7001 64.2 93.3 94.6 90.6 97.0 97.: +7.6 97.9 98.0 98.0 98.1 98.1 98.1 98.1 98.1 71.3 94.6 96.0 47.7 99.0 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.7 98.7 95.7 4_71 64.7 36.9 99.8 98.8 7.1.4 94.7 47.7 17.0 78.6 98.7 98.7 98.8 98.8 98.8 98.8 3.4 5.8 99,3 99.3 99.3 99.3 's E 74.7 9 - 11 99.2 99.2 99.3 99.3 22. 1 727 -4.3 94.7 97.1 94. 98.1 24.2 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 4.3.4 1,6 2031 *4.5 98. 23.4 44.7 97.1 94. بالهاور 99.4 99.6 99.7 97.9 99.9 99.9 99.9 99.9 99.9 97.1 42.4 49.5 99.7 99.9 99.9 99.9 99.9 100.0 100.0 9 1 4 -4.7 400 96.1 79.4 1 64.3 27.1 99.9 103.0 100.0 1 7 . 4 94.7 29.7 99.9 99.9 (. F 29.4 99.6

PERCENTAGE FRECENCY OF OCCURRENCE OF CFILING VERSUS VISIPILITY FROM HOUPLY OBSERVATIONS

TATION NUMBER:										HONTH	: APP	10 PD: 71	516511:	0900-1	100
ILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •	u 16	IFIL IT Y	* * * * * * * * * * * * * * * * * * *			• • • • •	• • • • • •			• • • • • • • •
14 1 SE	GE	GΕ	GE	GE	GE	G E	GE	GE	GE TIL	. L.S GE	Gf	GE	GE	•	Lf
: t T 1 10	6	5	4		2 1/2		1 1/2		1	3/4	5/6	1/2	5/16	GE 174	3
		• • • • • • •									• • • • • •				
left i er.s	43.5	63.2	63.3	٠.,	. 7										
		0 3 • 2	63.3	63.4	67.4	67.4	63.4	63.4	63.6	61.6	63.6	62.7	63.7	61.7	+ 3.7
100U() + 3.2	71.2	7:.4	71.6	71.€	71.8	71.9	71.8	71.8	71.9	71.9	71.9	72.7	72.3	72.5	• 2 • "
14 571 6-43	7:.3	71.6	71.7	71.9	71.9	71.9	71.9	71.9	72.7	72.C	72.3	72.1	72.1	77.1	7.1.1
14 (SEE SE.M.	71.4	71.7	71.5	72.0	7.2 • 5	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	7
.4 . 1 t · · ?		72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	12.3	•
1	7.2.1	73.4	73.6	73.8	73.0	7 7 . ĉ	73.8	73.8	73.9	73.9	73.9	74.0	74.3	74.0	• • • 5
	75.7	76.5	76 . 1	76.3	76.3	76.7	76.3	76.3	76.4	76.4	76.4	76.6	76.6	75.5	76.6
	't.1	76.4	76 • 6	76.8	7 t 6	76.8	76.8	76.a	76.9	76.9	76.9	77.0	77.3	77.0	
	77.7	78.0	7a • 1	78.3	75.3	78.3	78.3	78.3	78.4	79.4	73.4	79.6	78.6		* 7 • 0
	1.0	7.4.3	75.4	78.7	70.7	73.7	78.7	78.7	78 . 6	74.8	78.8	79.9	78.9	74.5	
	7 7 9 6	79.	79	79.2	79.2	79.2	77.2	79.2	79.3	79.3	79.3	79.4		74.5	70.
							17.2	1 . • 7	19.3	14.3	79.3	14.4	79.4	79.4	
* * * * * *	. 1	02.1	32.2	82.4	82.4	82.4	92.4	82.4	82.6	82.6	92.6	92.7	P2.7	62.7	
	*	47.3	45.4	53.7	e 3 • 7	83.7	83.7	83.7	83.E	87.8	93.6	83.9	P 3 . 9	٤٠.9	* 3 · ·
• *	** 1	84.7	84.6	45.U	85.6	85.0	95.C	85.0	85.1	85.1	85.1	85.2	P5.2	05.2	F 5
•	7	3 5 · 6	85.1	65.3	95.3	3.	95.3	85.3	95.4	85.4	85.4	85.6	R5.6	٠.6	55.6
* • •	· • · •	, 5 • ··	86.j	86.2	86.2	o6 •2	86.2	86.2	86.3	66.3	96.3	86.4	86.4	.15.4	
		87.1	47.3	87.6	57.6	87.6	87.6	87.6	87.7	87.7	67.7	87.8	87.8	87.8	+7.÷
		97.1	95.3	92.6	96.0	90.6	90.6	90.6	20.7	97.7	90.7	90.8	93.8	90.	
		1.0	₹0.8	91.C	9	91.0	91.5	91.0	91.1	91.1	91.1	91.2	91.2	51.2	41
		12.1	92.3	92.6	42.6	92.6	92.6	92.6	92.7	92.7	92.7	92.9	92.6		9.
		94.6	95.1	45.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.8	95.8	92.H 95.8	95.5
	• *			95.5	96.0	97.0	97.6	97.S	97.1	97.1	97.1	97.2	97.2	97.2	97.2
•	•	** * 7	97.3	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	₹ Б •
	• •		31.0	97.y	97.9	98 · 1	98.1	98.1	98 • 2	90.2	98.2	98.3	98.3	99.3	68.3
		• •	95 e tu	56.4	40.4	98.7	98.7	98.7	98.8	5 A . 8	98.8	98.9	98.9	98.9	98.9
	• •	• * • *	77.	58.7	98.1	98.9	98 3	98.9	99.0	99.6	99.0	99.1	99.1	99.1	99.1
			1 . 1	4.2	26.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	39.4
		• • •	er . 3	7 B . C	6.86	y9 .?	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	49.4
			* 5 . 1	50.1	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
			1	44.1	99.	46.5	49.8	99.8	99.9	99.9	99.4	100.0	100.0	100.0	100.0
		• •	5 . 7		14.0	79 · H	99.8	99.8	99.9	99.9	99.9	100.0	120.0	100.0	100.0
		٠		1	9	99.4	99.8	99.8	99.9	99.9	00.0	100 -	100 -	• • • -	
												100.0			

GLOBAL CLIMATOLOGY RANCHUSAFETAC

PENCENTAGE FAREUPICT OF OCCUPAÇACE OF CETATING VEHSUS VISTATATETY FROM HOSPICE ONSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: UVEST AFR TE PEP 100 OF RECORD: 74-67 HONTH: APR HOURS (LST): 1700-14 CC VISTALLTY IN STATUTE FILES CE IL ING GF 4 5f 6E 5 Lf 66 56 IN 1 HL FEET 1 10 1 of 94 112 1 174 56 UI 94 5/4 1/2 4/16 1/4 3 NO CETE I 6"."3 74.4 74,4 of 200001 71.1 11.3 79.9 74.) 74.1 ** . 1 74 . E 14.6 **.6 74.5 74.7 14.7 **. 7 145 uG + 71.2 167 03 | 71.7 79.0 74.2 74.4 / • ... 74.4 14.6 74.7 74.7 74.7 74.7 79.8 74.8 74.0 * 4. 4 74 . ; 1 . . ' **. * ... 14.6 15.0 u£ 14.2 74 . 3 74.1 15.6 7"." GE 140021 71.8 75.6 11.1 15. 1 79.6 15.5 75.6 75.6 75.6 76.1 76.3 14 . GE 100 001 75.9 74.3 74.0 79.1 74.2 19.1 79.1 79.7 74.7 70.0 74.4 79.8 79.4 79.7 9: 031 75.7 #1 631 77.6 79.0 90.2 74.4 79.6 79.7 7 . . 1 79.4 43.2 ... 43.13.1 49.1 .0.7 .0.2 87.1 47.4 #1.2 42.1 41.4 92.1 81.7 81.7 4.6 41.0 ... +1 .. 41. 4 7(UG | 7=11 6707) 74.4 , , , 42.5 ... 81.7 41.4 92.1 42.2 42.0 94.1 91.1 97.7 50001 61.0 4 2. 7 .,, 84.0 ... 45.0 65.0 44.1 85.1 *5.1 44.7 45 301 81.4 45 601 87.2 35 401 84.6 # 4 . 5 # 6 . 9 65.5 47.1 45.4 A* . * 85.4 85.4 45.4 47.7 85.6 85.4 Gŧ 44. ** . 4 45.45 45. 1 45.3 · k · i • 7 • 7 87.u # 1 . i # # . i 41.4 u E 47.43 ... 84.0 **.1 uŁ ... 30 351 67.1 90.9 91. 91.1 ... 92.9 97.9 91.2 93.2 **, ; 94.5 + 3 . 1 *1.3 45.4 • 3. • 9 ... \$2.7 92.6 20001 90.7 19001 90.9 15001 91.3 95.4 95.6 95.2 97.1 14.2 15.6 95.C 40.2 ce 95.1 95.4 *5.* 45.6 15.6 *5.6 45.7 45.7 45.7 ** .* **.; *7.1 *7.4 96.3 76.3 **. 3 96.1 97.5 97.1 96.1 97.0 97.3 94.2 *5.0 96.2 IJΕ 95.6 90.0 97.1 .7.1 ... *7.4 46.7 91.4 4E 11001 92.0 S 6.4 ¥7. 47.6 97.7 27.1 44.6 48.5 99.1 **.1 ... 40.1 ...2 **.2 ... *401 97.3 #671 92.1 94.6 94.6 **.7 ١٠Ł 76.7 47.4 90.1 98.2 96 ... v*.3 44.6 90.7 ... **.7 ... **.0 *4.4 98.0 ... **. ... **.0 **.0 74.4 ... úΕ 7401 92.1 Eugl 92.2 54.4 74 .6 **.* **.* **.* **.0 ... 98.4 99.0 UE 67.3 94 . 7 44.5 99. 3 ... CΕ 5001 92.2 . 7. 5 98.4 10.9 99.1 94.i 94.i 99.6 99.7 ... 99.7 99.7 ... **.* ... *col *2.3 90.6 **.* 79.3 49.4 **.4 **.* **.* 77.4 99. 99.7 99.7 79.6 **.* ьE 98.6 99.3 97.4 98.4 99.2 49.2 49.6 49.4 99.9 100.0 100.0 100.3 2201 97.1 99.9 **.* 100.0 í.E 27.4 98.6 99.4 99.2 99.2 99.6 49.8 99.9 99.9 100.0 100.0 99.3 100.0 98.6 100.0 21 92.3 99.0 99.2 99.4 **.* 44.4 100.0 100.0 100.0 97.4 98.6 GE 99.8 ...

and the second s is expressed as the constant of the constant

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CAND WARRANT COLUMN Contator together contators of the con-40.0 r- n . * 44.2 6 * . 7 4 . 1 . 7. 1 ... 67.5 47.3 67.3 79.7 87.7 81.1 87.1 *** * • 5 . 19. 1 .,,, 40.0 *0.0 60.0 • • *** **. * 19.5 43.4 #5.5 #1.2 7 . . 7 40.6 •3.6 40.6 #3.6 -3.* -2. #1.4 #2.7 #1.4 #7.7 #1.4 . . . A 3. 4 .1.4 # 1.4 #2.7 a, . r . 4... 93.2 . . . **.5 R 4 . 4 44.9 45.2 .5.2 #5.2 85.2 86.7 87.2 87.6 . 14.4 15.7 26.1 . . . • • ... 44.1 #4.9 #6.5 45.2 46.7 #5.2 #5.2 #6.7 44. 4 ... 45.0 96.7 - K - 1 #6.4 #7.5 . . . 80.7 41.5 4 . . . 46. . . 96.9 87.2 47. 1 -1. . -36.4 . . . - . 7 ~ · . ' ... 44.7 26.7 85.C 40.1 89.5 49.3 87.5 99.5 1 **** **** ***** . . . 2. #9.6 #1.1 94.7 91.4 ***. 49.7 94.9 91.7 69.9 91.7 99.9 91.7:. *1. u +1. ---٠..٠ 11.2 42.1 91.0 44.. . . . 1 41.1 95. 25... 15.3 96.1 4 t, , 7 95.8 96.3 96.0 46.0 96.0 **** 11.4 : 10 .. 50 , 4 50 , 4 94.8 96.9 97.1 97.1 16.4 46.4 75.4 97.1 97.1 97.1 26.4 97.1 ¥6.4 46.4 ... 96.7 56.4 97.3 97.3 1 .. 41.2 21.7 97.9 97.9 4 7 . 4 4 7 . 4 7 . 6 4 7 . 6 9 7 . 6 1 . 3 . 41. w . . 98.4 ... 24.4 94.4 74.4 99.8 98.9 99.1 99.1 99.1 99.1 VR. Q VR. Q rmyt. Fryt , 5 , 7 ... *** ... 98.6 98.6 77.6 98.6 98 . (97.0 99.2 99.2 99.2 39.2 ¥4. U 24.6 99.2 99.2 40.0 40.5 99.2 99.2 99.2 41.4 90.6 70.4 99.0 99.2 1 1 -1. $s(T_{\bullet})_{a}$ 40.0 57.1 49.. **** 74.1 +4.1 99.1 49.4 99.6 99.8 99.8 99.8 99.8 9.7.7 9.7. , 9 99.6 1 11. , i : 96.9 96.4 99.1 99.3 99.2 99.2 99.3 99.2 99.7 99.9 99.9 99.9 99.9 100.3 100.0 100.0 99.1 49. 1 99.7 100.0 +7.7 96.4 99.3 79.5 44. 5 99.8 100.0 100.0 100.0 11.1 47.1 99.3 99.7 44.4 . . . 5 99.8 100.0 100.0 100.0 97.7 99.5 90.3 99.3 99.5 1 51... 00.4 97.5 99.3 97.7 99.8 100.0 100.0 100.0

TITAL SOMETH OF UNITERNATIONS:

SUBBAL CLIMATRUDGY BRANCH AIR MEATHER DESVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FHOM FOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1800-2000 e E CETETAG VISIBILITY IN STATUTE MILES GE GE GE 2 1 1/2 1 1/4 19 1 3E FILE 1 10 G.F. GE GE GE C.F. GE GΕ ĢΕ 3 2 1/2 7/4 5/8 1/2 5/16 1/4 ۵ 67.3 67.3 67.6 67.7 67.7 67.7 67.7 67.7 W CEIL | 61.4 6.5.2 66.2 66.0 67.1 67.1 67.1 67.7 79.0 150501 76.2 78.8 86.3 82.7 86.7 80.7 90.9 83.9 81.1 81.2 81.2 81.2 81.2 81.2 81.2 of 16007; 76.6 of 16007; 77.8 of 14000; 74.7 at 12000; 79.6 79.3 50.9 61.9 61.2 62.2 81.2 82.2 81.4 82.4 81.4 91.7 82.7 81.8 82.8 81.8 81.8 82.8 83.5 81.2 81.8 51.8 81.8 82.2 82.8 82.8 82.8 A1.3 82.0 32.8 83.C 63.C 83.2 83.3 83.3 83.3 P3.3 83.3 9 3 . 3 P4.8 3 83.3 83.9 84.2 P4 .. 84 . . 34.4 B4 . 4 04.7 84.9 84.9 84.8 84.9 64.6 Ut 105001 81.4 -4.1 85.2 65.8 86.1 86.1 86.1 86.3 86.3 86.6 66.7 86.7 86.7 86.7 86.7 96.7 90001 61.6 61.01 62.6 71201 61.8 61001 61.7 - 4.2 - 5.2 85.9 ot.2 86.4 87.6 87.5 86.7 87.6 86.8 86.8 86.8 86.8 86.8 86.8 05.3 66.2 0 t . 2 66. 37.3 67.3 .. (. 4 87.9 P8 . 1 88.2 68.2 88.2 88.2 89.2 88.2 56.6 - t . : 87.2 A7 . 9 89.4 28.3 98.7 89.7 99.9 89.0. 89.0 89.0 89.0 89.0 29.0 50001 85.7 45201 86.7 40001 89.7 58.7 89.6 90.4 90.9 90.9 97.9 91.2 91.2 91.4 91.6 41.6 91.6 91.6 91.6 91.6 92.3 -5.4 -1.1 90.6 91.2 92.9 91.7 92.C 93.8 92.2 94.0 92.3 94.1 92.3 94.1 92.3 94.1 92.3 94.1 uf uf 91.7 91.7 42.C 92.3 93.8 94.1 95.4 93.4 94.6 # []| +9.1 #6001 67.9 94.6 94.8 93.7 94.9 94.9 04.9 94.9 94.9 94.9 95.9 96 n 95.4 95.3 95.7 94.0 96.0 96.0 1.1 94.0 94.1 95.3 96.0 96.0 40.9 25 pg1 50.3 2mg01 50.6 18.51 50.7 52.4 94.6 95.2 95.9 90.0 96.2 96.2 96.4 96.6 96.6 96.6 96.6 96.6 95.0 95.3 97.0 97.1 97.1 (J) 12.7 95.7 96.4 96.6 76.4 46.4 96.6 96.8 97.1 97.1 97.1 97.1 96.3 97.7 97.4 96.6 97.1 97.3 97.4 97.4 97.4 97.4 97.4 54.2 97.1 90.4 1500) 41.4 96.2 98.2 99.3 96.4 57.7 97.7 98.5 98.0 98.3 98.3 FAR? 98.3 98. 3 98.9 98.2 97.4 3.90 98.9 98.9 75.7 46.0 98.2 9000 98.6 98.6 98.9 98.9 99.[95.1 99.1 11 001 92.1 ٠٤., 97.5 95.8 98.8 99.1 99.1 99.1 99.1 91.7 99.4 90.4 94.4 9001 90.1 9001 90.1 97.7 98.4 98.7 98.9 99.1 99.7 99.2 99.2 99.2 99.2 99.2 45.9 97.0 98.6 98.6 98.9 11€ 96.4 99.3 99.4 76.1 97.2 97.9 96.7 99.1 99.1 99.4 99.4 99.4 99.4 99.4 49.1 7.01 97.1 97. 99.4 99.4 1.1 16.1 97.4 98.7 41.1 44 . A 99.1 99.4 99.4 99.4 99.6 3.30 99.6 1601 92.1 95.9 99.6 97.3 98.8 υĒ 76.2 3.39 99.7 5001 92.1 4001 92.1 7001 97.1 99.7 99.7 99.7 96.0 97.4 98.1 48.9 95.9 99.0 99.3 99.3 99.€ 99.7 99.7 99.0 r, E 76.2 97.4 99.3 99.3 99.6 99.7 99.7 99.7 99.7 99.7 99.7 49.9 96 • i 98 • i 98.9 96.2 97.4 98.9 96.9 99.3 99.6 99.7 99.7 99.7 99.7 99.7 99.7 1001 42.1 99. 99.3 99.6 99.7 99.8 99.8 148 76.2 97.4 98.1 98.5 96.9 97.5 99.8 99.8 76.2 97.4 98.9 98.9 49.0 99.7 96.1 99.7 99.7 99.8 99.8 99.9 100.0 21 92.1 90.D 99.3 99. 3 99.6 96.2 97.4 üΕ 98 . 1 99.9 96.9

PERCENTAGE FREWLENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 7	2 2665	STATIO	S NAME :	DYES	S AFB TX					PEPIOD	OF REC	ORD: 78	-67		
										MONTH	: APR	HOURS	(LST):	2100-23	OC
CEILING								IN STATE							
IN I GE	CE	GE	GE	GE	GΕ	GE	GΕ	GE	GE	GE	Gε	GΕ	GE	GE	GE
FLET 10	٤	5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/4	5/8	1/2	5/16	1/4	0
NO CEIL 1 72.7	12.4	72.7	73.2	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
6E 200001 78.6	86.9	81.1	91.7	81.8	51.8	ø2 • 2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	B Z • Z
GE 180001 78.6	3€.9	81.1	91.7	61.8	81.8	02.2	52.2	82.2	82.2	82.2	82.2	82.2	82.2	62.2	82.2
LE 162521 79.0	d 1 • 3	81.6	82 - 1	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82 • 7	62.7
GE 140401 79.1	E 1.4	81.7	82.2	82.3	8 4 . 3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	67.8	92.8
68 120001 80.9	93.2	83.4	84.Û	84.1	84.1	84 .€	94.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
UE 107001 82.2	44.6	84.8	85.3	85.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 90001 42.6	# 4 . 9	85.1	85.7	85.8	85.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
	56.2	86.4	97.0	e7.1	87.1	87.6	87.6	67.6	97.6	87.6	87.6	87.6	87.6	97.6	67.6
SE 70001 84.0	86.3	86.6	87.1	67.2	87.2	67.7	87.7	87.7	A7.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 65601 64.4	n i . 8	87.3	87.6	67.7	37.7	€8 • I	89.1	88.1	98.1	88.1	88.1	88 - 1	88.1	88.1	98.1
							•								· -
GE 50001 e6.4	9 6 . 9	89.1	89.7	89.8	99.6	91.2	90.2	93.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
CE 45 321 a7.3	99.8	90.0	90 • b	93.7	95.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 45 001 87.1	91.8	92.1	72.0	92.4	99	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	72.3	92.ê	93.4	93.6	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
JE 30 00 1 90 1	93.0	93.4	94 . 1	94.2	94.2	74.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	•••			•-					. •						
LE 2° cc 91.8	04.7	95.1	95 • 8	95.9	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	95.1	95.6	96.2	96.3	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	35.3	95.9	96.6	96.7	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	45.4	96.0	96.7	96.8	90.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	95.7	96.2	97.0	97.1	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
52 12651 7245		, 0 - 2					, . .	, , ,		, • .			,,,,,		
GE 10001 92.3	96.4	97.1	97.9	98.0	96.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	96.4	97.1	98 . Ú	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	96.7	97.4	98.4	98.6	98.6	99.0	99.1	99.1	29.1	97.1	99.1	99.1	99.1	99.1	99.1
UE 7 LC 92 . 4	96.7	97.6	98 • 6	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
UE 6001 92.4	76.7	97.6	98 • 6	98.7	90.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
00 00. 1 7244	,,,,	,,,,	,0.0	, , , • •			, , • •	,,,,	,,,,	,		, , ,		,,,,	
GE 5001 92.6	96.8	97.9	98.9	99.0	94.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	76.8	97.9	98.9	99.0	99.1	99.7	94.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
ht 3001 42.6	C E • 8	97.9	98.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	59.9	99.9	99.9	99.9	59.9
	76.8	97.9	98.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
- •	96.8	97.9	98.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
							.,,,					• .			. • .
68 21 97.6	76.8	97.9	96.9	99.3	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	120.0
												-	-		-

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87 MONTH: APR HOURS (LST): ALL . CF IL ING VISIPILITY IN STATUTE MILES GE GF 3 2 1/2 IN I CE FEET | IT GE GF GE GE GE 2 1 1/2 1 1/4 GE GF G.F GE 1/2 3/4 5/8 5/16 1/4 ٤ NO CETE | 64.7 UE 200001 72.6 75.7 76.2 76.5 76.6 76.6 76.7 76.8 76.8 76.9 76.9 76.9 77.0 77.0 17.5 77.G GE 160001 77.8 GE 160001 77.1 76.8 77.2 77.1 77.1 75.9 77.1 77.2 17.2 77.5 11.2 76.4 76.7 76.6 76.4 77.C 77.C 77.2 77.5 7€.2 76.7 77.0 11.3 77.4 77.4 77.9 77.9 78.0 79.0 78.1 GE 140001 73.6 76.7 77.3 77.5 77.7 77.7 77.5 79.0 78.1 78.1 77.8 120001 74.6 GE 100 LO1 76.3 63.7 #3.8 d J. 9 83.9 P1.C 81.1 81.1 81.1 75.6 8 2 . 2 80.5 6 L . 7 81.0 91.0 81.1 R1.2 R2.7 R3.2 81.3 82.8 90001 76.5 80001 77.9 79.8 80.4 80.0 80.9 46.9 61.0 81.1 81.1 81.3 81.3 81.3 61.3 82.8 81.3 υE A2.A Я2.8 В3.3 P 2 . B P 3 . 3 GΕ 91.3 81.9 82 • 2 62.4 92.4 82.5 02.6 82.8 63.3 83.3 70001 78.4 83.3 83.1 83.3 υ£ 61.8 62.4 82.7 62.9 97.9 63.0 53.1 82.9 60001 74.9 83.4 s 3. 7 ٩Ē 82.3 83.3 02.6 83.7 85.8 86.C 86.0 P6.1 84.1 5000| 61.1 4500| 61.8 4000| 63.4 85.2 85.6 9 . . . 05.9 86.2 87.3 46.2 úξ 86.2 A 6 . 2 54.6 86.2 45.4 86.2 P L . C d6.7 86.8 A6.9 67.0 88.9 87.0 A7.3 87.0 87.U 89.0 86.4 86.6 86.9 47.3 65 88.4 89.6 89.5 80.6 64 . 7 48.8 86.5 98.9 89.0 89.0 89.0 89.0 89.8 89.9 89.9 90.0 90.0 90.0 40.0 35401 84.2 87.6 99. A 89.8 L.F 88.2 88.5 29.3 24.5 90.6 90.6 9:00 91.C 91.1 UΕ GE 25 mml 86.5 91.9 92.1 92.2 92.3 92.4 92.4 92.5 92.5 92.6 92.6 92,6 92.6 91.3 92.6 96.7 25 001 67.6 92.1 92.7 93.4 93.7 93.9 93.9 34.0 94.0 94.0 94.1 94.1 94.1 υĘ 43.6 93.6 16001 67.9 15001 68.6 94.3 94.5 94.4 94.4 94.4 94.5 94.5 υĒ 72.5 93.1 93.7 94.5 94.0 94.1 94.3 94.5 95.1 95.4 95.5 95.5 94.1 95.0 95.5 75.3 95. 1 95.4 95.4 95.5 95.5 4 1.4 94 . h 12001 87.1 94.3 97.5 97.5 97.5 97.6 97.7 97.7 97.7 97.1 GE 10201 89.5 97.2 97.2 97.6 95.2 96.0 96.9 45.5 #5.6 98.C 98.4 99.7 98.1 υŁ 9601 89.6 96.3 97.3 97.6 77.6 97.7 97.9 97.9 98.0 98.1 98.1 98.1 98.5 98.6 96.7 98.0 98.3 98.6 6:01 69.6 97.7 48.0 98.5 GE 98.2 98.3 98.4 7001 89.7 36.6 98.4 98.5 99.7 98.7 96.8 98.9 98.9 98.0 98.8 υĒ 99.1 99.0 99.0 99.1 97.3 90.1 99.3 99.3 99.3 99.4 99.4 99.5 99.5 99.5 99.5 GE 76.3 96.9 4 LD | 89.8 97.4 99.0 99.0 99.4 99.4 99.5 99.6 99.7 υE 96.3 98.6 99.3 99.6 99.6 99.7 99.7 99.4 96.5 99.8 49.8 99.8 99.8 98.6 6, 2001 67.4 1031 47.8 99.1 99.6 99.6 99.7 99.9 99.9 99.9 99.9 9 E . 3 98.6 99.1 GE 97.4 96.6 49.1 69.4 99.6 99.6 99.7 99.9 99.9 99.9 79.9 GΕ U1 87.8 96.3 97.4 98.6 99.1 99.1 99.4 99.6 99.6 29.7 99.8 99.8 99.9 99.9 99.9 136.0

PERCENTAGE FRIGHLENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY

STATION NUMBER: 722665 STATION NAME: DYESS AFF TA PEPIOD OF RECORD: 78-87 MONTH: MAY HOURS (LST): 0000+0200 *. . .* VESTRICITY IN STATUTE MILES OF GE GE . GE GE CE GF GE 2 1 1/4 GF 5E LE ./. IN 1 SE FEET 1 10 CΕ 6 f SE Gf GE 1/4 - 5 1/4 5/8 1/2 5/16 Ł NO CETE | L'. E 71.0 71.0 71.0 71.0 11.0 71.0 11.0 71.0 71.0 71.0 71.0 71.0 78.0 GE 200001 74.2 *8.0 18.0 79.0 78.0 78.7 78. 3 10.0 78 . C 78.2 78.2 78.2 GE 180 001 74.2 78.2 79.2 78.2 78.2 11.5 78 .2 70 . . 79.2 78.2 74 .2 78.2 70.2 78.2 78.2 70.2 7+.. 78.2 76.2 160001 74.2 77.5 78.2 78.2 79.2 7 . . . 78.2 78.2 78.2 78.2 74.2 78. 78.2 79.2 78.2 7A .2 79 .4 78.2 11.5 79.2 76.2 υE 78.4 1000 79.4 79.4 79.4 14.4 #1.2 #1.2 #2.6 100001 77.2 90.5 81.2 A : . . 61.2 51.2 61.2 81.2 81.2 61.2 81.2 81.2 *1.2 61.2 C.E 90001 77.2 80001 73.7 40.5 81.2 91.2 61.2 41.2 81.2 41.2 81.2 61.2 81,2 81.2 e1.2 41.2 81.2 * 2 + 2 52.8 65.2 1.5 82.8 62.6 62.6 82.6 82.8 82.8 82.8 A2.8 82.# 82.8 71 001 79.5 65 001 40.0 1.6 92.6 83.2 83.2 8 7 . 7 4 2 . 2 A 3 . 2 **83.**2 A3.2 83.2 83.2 43.2 8 5 . 2 6 5 . 2 64 .2 64.2 A 4 . 2 64.2 44.2 45.3 50001 H1.4 16 ... üΕ 86.2 86 . . 86.2 A t . . 86.2 86.2 86.2 86.2 86.2 86.2 46.2 86.2 P6.2 4 COI HT.P 88.7 A A . 7 3 F . 7 88.7 68.7 88.7 89.7 88.7 88.7 91.8 6 P . 7 ъŁ 0 7 . 7 56 . 7 00.7 #8.7 41.8 91.0 41.4 91.8 91.8 91.4 91.A 61 4:.9 91.8 9 1 . E 91.8 41.9 91.6 92.7 31 201 86.7 30 001 97.1 92.7 42.7 92.7 97.7 92.7 92.7 97.7 42.7 G.E 71.7 34.1 92.7 72.1 92.1 93.4 v. Ł 2'001 #7.5 74.4 94.4 9 3 . 1 94.3 94.4 94.4 υE 94.5 94.3 2' 05| H7.7 1805| 87.8 4 2.4 44.7 94.7 94.4 94.8 94.B 94.A 94.8 94.A 94.8 94.8 94.A 94.8 ı, E 94.7 94.7 94.9 94.9 94.9 υĐ 33.5 94.8 74.0 94.5 44.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9 95.6 91.9 95.9 95.9 94.9 95.9 95.0 95.4 95.9 95.9 1'001 an.6 14.5 95 . 8 95.9 G.E 95.0 96.6 12001 69.0 e 5 + 3 96.9 96.8 96.8 96.8 96.8 96.4 96.9 97.2 10001 89.9 97.6 97.6 47.8 97.9 97.8 97.8 97.8 97.6 υŧ 9 t . .? 97.5 97.6 9001 93.8 9001 91.1 98.9 94.9 98.9 98.9 90.9 9.89 98.9 98.9 98.9 98.9 'nĒ 17.3 98.0 98.7 98.7 9 t . 7 99.4 99.4 G.E 47.6 98.9 99.1 99.1 99.1 99.4 39.4 49.4 99.4 99.4 99.4 99.4 99.4 99.1 99.4 99.4 90.4 99.4 7301 91.1 Fu21 91.1 99.1 79.4 99.4 99.4 99.4 G.E 47.6 98.9 99.1 99.4 99.4 99.6 99.1 94.6 99.6 1001 91.1 77.8 99.1 99.4 99.4 43.6 99.6 99.6 99.6 SE 99.6 űŁ 4501 91.1 77.8 99.1 99.4 97,4 94.4 49.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.1 υF 1001 91.1 27.8 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 59.8 99.8 99.4 39.4 99.6 94.6 99.6 99.8 17.8 99.1 99.4 99.6 99.6 99.8 ı.t 2001 91.1 97.4 1001 91.1 99.4 99.6 99.6 99.6 99.8 99.8 99.8 99.9 100.0 100.0 100.0 97.8 99.4 40.6 99.6 99.8 99.8 99.9 100.0 100.0 100.0

SE 38AL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHEN SIQUICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY θ_{BS} reations

STATION NUMBER - 12766 STATION NAME: DVESS ARE TO

5.1	ATIO	. 40	U#76 F :	122665	51411	Ch NAME:	DYE	5" 440 14						OF PEC					
														: MAY			0330-05		
			• • • • • •		•••••	• • • • • • •	• • • • •	• • • • • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• •
	TE INC		.1	ct	6 [G.F	66	į, r	61	GE	CE		. E	GE	GE	GE	GE	GE	
	133				",			. 1/2		1 1/2		3,	_	5/8	1/2	5/16	1/4	G C	
			-																
• •			• • • • •														•••••		•
40	CET	- 1	6 7 . 5	6.1.8	64.0	64 . 2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
1.6	2000	31	64.5	65.7	4.64	7" . 1	77.4	7 (4	77.4	70.4	70.4	70.4	7~.4	70.4	70.4	70.4	70.4	70.4	
61	1800	15	65.0	16.3	70.5	76 . d	71.1	7:.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
υE	16	01	65.5	75.3	13.	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71-1	
1.€	145.	0.1	16.5	71.	71.2	71 - 4	71.7	11.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
i.f	150	. C I	£ ". "	7	72.3	7 5	77.8	7. "e	77.5	72.8	72.8	72.8	77.8	72.8	72.8	72.8	72.8	72.6	
	1000	٠		14.3	74.5	74.7	75.1	75.1	15.1	75.1	75.1	75 . 1	75.1	75.1	75.1	75.1	75.1	75.1	
	-						75.1	7 %	75.1	75.1		75.1	75 • 1	75.1	75.1	75.1	75.1	75.1	
'√ -i			4	' 4 . !	74.5	74 • 7 76 • 5	75.4	16.8	76.4	76.6	75.1 76.8	76.6	76.8	76.8	76.8	76.8	76.8	76.8	
, t			71.4. 71.4	76.0 76.5	76 ±2 76 ±7	76.9	11.	77.2	77.2	77.2	77.2	77.2	17.2	77.2	77.2	77.2	77.2	77.2	
i di			72	77.3	77.4	71.7	7 . 1	7 - 1	72	78.1	75.1	78 . 1	78.1	78.1	76.1	78.1	78.1	78.1	
٠.٠	٠,						, - • •	• •	•		, , , ,		,		,	,			
1.1	4,0	. 2.1	77.4	1542	79.5	74.7	40.J	₩ J •Č	80.0	40.0	80.0	#0.C	87.0	80.0	80.0	80.0	an.c	80.0	
6.1	4.5	21	74.P	(.4	61.1	01.3	61.6	+1.0	#1.6	81.6	81.6	41.6	81.6	61.6	81.6	#1.6	81.6	51.6	
ı, E	4.	Ĉ.	16.5	n ! • 3	63.7	84.1	. 4 . 4	44.4	44.4	44.4	04.4	#4.4	84.4	84.4	84.4	84.4	84.4	84.4	
υŧ	3.	ci	77.7	44.3	84.0	45 . 1	85.4	45.4	61 .4	85.4	85.4	45.4	85.4	85.4	85.4	45.4	85.4	85.4	
6.5	:r:	31	7 - 7	41.5	85.0	46.2	46.6	46.6	8 f . t.	86.6	86.6	R6 . 6	46.6	86.6	46.6	96.6	86.6	P6.6	
⊸Æ	21.	01	74.0	d t • 7	87.0	#7.4	87.7	A 7.7	97.7	# 7 . 7	67.7	87.7	6 7 . A	87.8	87.8	87.8	87.8	87.6	
uf	21 0	21	ė ~ . o	16.9	89.4	94 . 0	97.3	46.3	47.4	73.4	40.4	90.4	97.5	90.5	90.5	90.5	90.5	90.5	
- ₹	100	71	*1	* 5 . 4	89.6	96.2	90.8	95.00	40.4	93.9	93.9	90.9	91.5	91.0	91.0	91.0	91.0	91.0	
üŧ			8.2	9.1 · C	91.4	91.6	47.4	9 4	42.5	92.5	92.5	92.5	97.6	92.6	92.6	92.6	92.6	92.6	
٠ŧ	170	71	• 7 • 3	7 2 • 6	¥ 3 .5	94 . 0	94.5	94.5	44.4€	94,6	74.6	94,€	94.7	94.7	94.7	94.7	94.7	94.7	
⊊€			94.1	24.5	w5.1	95.5	96.0	16.0	21 .2	76.2	96.2	96.7	96.3	96.3	96.3	96.3	96.3	96.3	
51 51			A4.7	94.7	95.4	96 • 3	96.4	96.9	7.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
u t			55.4		96.7	97.1	97.7	97.7	44	98.0	98.0	98.0	99.1	98.1	98.1	98.1	98.1	98.1	
66			65.6		97.1	97.0	44.3	96.3	98.5	94.5	98.5	98.4	98.6	98.6	98.6	98.6	98.6	96.6	
3€			35.5	26.5	97.6	36.2	98.8	31.6	44	99.0	99.0	99 E	90.1	99.1	99.1	99.1	99.1	99.1	
	•							. •-								.,			
G€	• ;	n j	86.7	96.6	97.7	98.3	99.0	94.6	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
L E			1.45	46.6	97.7	98 . 3	99.0	44.2	49.5	79.6	49.6	99.E	99.7	99.7	99.7	99.7	99.7	99.7	
ijĘ	3.0	10	#6.P	16.6	97.8	46.4	99.2	5 5 .4	90.	99.8	99	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
i.f			86.0	76.6	97.8	98.4	99.2	15.4	v9.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
ψĒ	10	10	F 6 • C	46.6	97.8	98.4	99.2	99.4	49.7	99.6	99.8	99.8	107.0	100.0	100.0	100.0	100.0	100.0	
G.E		c I	86.°	76.6	97.8	98.4	99.7	99.4	49.7	99.8	99.4	00.0	100.0	100.0	100.0	100.0	100.0	100.0	
						_							-					*********	

TOTAL NEPRER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

							S AFE TX					HONTH	-	HOURS	ILST1:		
CE IL		• • • • • •		••••		• • • • •	••••••		HILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
IN		SE	CF	GE	3.0	GE	C.F.	G E	GF.	GE	GE	GE	GΕ	GΕ	GE	GΕ	GE
FEE			Ł	5	4		: 1/1		1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
								-							• • • • • •		•••••
NO C	EIL I	47.4	° 3• 5	5 f • d	54 - 1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
⊍€ 2	nnear	57.7	52.7	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	6'.2	63.2
	9: 221		63.	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
	000001		61.0	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
	45001		5 3.4	63.7	64.0	64.0	64	64.0	64. E	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
	21 651		64.5	65.3	65.6	65.6	63.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
			•	•													
6E 1	Local	65.7	65.	69.6	69.9	69.5	69.9	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
υŁ	10000	64.C	99.6	69.9	70.2	73.2	76.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
G.E	80001	65.0	11.6	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
ı, E	1:001	67.0	12.9	73.2	73.5	73.5	73.5	77.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
٠L	6" 021	67.6	7.7+5	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
																	.
	וכטיל		75.2	75.6	76 . J	76.0	76.3	76.3	76.C	76.0	76 • C	76.0	76.0	76.0	76.0	76.0	76.0
	41.001		1 to t	11.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
	40 00 1		* 4	79.7	83.1	63.1	n (-1	8°•1	83.1	1 • C •	80.1	87.1	80.1	80.1	80.1	80.1	80.1
	3, [,,]		: 0.3	80.4	41.2	ol.2	a 1 .c.	81.2	81.2	81	P1.2	81.2	81.2	81.2	81.2	81.2	81.2
.t	3, 021	î 4 . 4	- 2	82.6	83. 5	E ₹ • 1	6 3 - 1	67.1	43.1	85.1	n 3 . 1	83.1	83.1	83.1	83.1	83.1	83.1
υE	25 001	76 - 1	14.2	84.0	85.1	85.	81.6	a5.2	95.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	10001			67.2	H7.6	67.7	57.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
ul.	18301		47.6	1.84	38.6	b8.7	A E . 7	6 4 • 7	48.7	88.7	98.7	68.7	98.7	86.7	88.7	68.7	86.7
	14 () [45.4	97.2	93.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	iconi		1.4	92.0	93.1		93.3	47.3	93.3	93.3	93.3	97.3	93.3	93.3	93.3	93.3	93.3
	-								-								
	10001		44.6	93.7	94.8	94.9	55.1	95.1	95.2	95.2	95.2	95.2	95.2	95 • 2	95.2	95.2	95.2
- 46		F 2 . 4	- 3. 7	94.6	96.3	96.1	70.06	96.2	96.3	96.3	96.	96.3	96.3	96.3	96.3	96.3	96+3
υE		H.7. H	, ! . 9	94.8	96 • -	46.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
:.1		F2+4	34.5	44.4	96.5	96.9	71.5	97.C	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
r. t	1001	# 2 · C	34 . e.	95.6	27.1	97.6	47.h	9 P	98.1	48.1	08.1	99.1	98.1	98.1	98.1	99.1	98.1
., F	1004	42.5	.4.5	96.1	97.6	94.2	46.6	99.1	95.8	98.8	98.8	94.4	98.6	78.8	98.8	99.8	98.8
ut		62.	14.5	96.2	97.7	99.4	99.6	99.7	97.4	99.4	99.5	49.5	99.5	99.5	99.5	99.5	99.5
i.t		2	4.9	96	97.7	99.4	4 t . h	77.	99.4	49.4	24.6	99.6	99.6	99.7	99.8	99.8	99.8
1. F		62.1	74.4	96.3	97.7	98.4	96.6		94,4	99.4	99.6	99.6	99.6	99.7	99.8	99.9	100.0
ot		62.5	.4.9	96.2	97.7	9A.4	# e . h		99.4	99.4	99.6	42.6	99.6	99.7	99.8	99.9	100.0
1.4	-1	n.:•"	14.9	96	91.1	9 ρ , 6	4 + . 5	43	99.4	95.4	99.6	90.6	99.6	99.7	99.8	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87 MONTH: MAY HOURS (LST): 0900-1100 VISIBILITY IN STATUTE MILES CEILING . GE 5 GE IN I GE 1 GE GE GE GE GE 2 1 1/2 1 1/4 GΕ GE Œ GE GE GE 3 2 1/2 1/2 6 3/4 5/8 5/16 1/4 NO CETL 1 54.8 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 64.0 UE 200001 62.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0 SE 18700| 62.6 54.5 64.5 140001 63.4 65.4 65.4 65.4 65.4 65.4 65.4 65.4 120001 65.3 57.6 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 100001 69.6 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 90001 64.6 80001 70.5 71.2 73.1 71.2 73.1 GE 71.1 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 73.0 73.1 73.1 73.7 73.1 űΕ 73.1 73.1 73.1 73.7 73.1 73.7 73.1 73.1 73.1 73.1 73.1 73.7 73.7 LE 74.1 60001 71.4 74.C 74.1 74.1 74.1 74.1 74.1 74.1 74.1 57001 72.5 75.6 75.6 75.5 75.6 75.6 75.6 75.6 75.6 75.5 75.6 75.6 GE 75 . 6 ĿΕ 45 CO1 75.5 16.7 75.2 76.8 79.4 76 . d 79 . 4 76.8 79.4 76.6 74.4 76 . P 79 . 4 70.8 79.4 91.1 76.8 76.8 76.8 76.8 76.8 76.8 76.8 76.8 79.4 79.4 79.4 79.4 79.4 79.4 G.E 79.4 35 621 77.6 91.1 81,1 81.1 81.1 81.1 01.1 61.1 1, E 30 COL 40.6 - 4.1 R4 .4 F4.5 44.5 44.5 84. 44.5 89.3 25001 64.0 +7.8 88.2 8A.3 84.3 88.3 68.3 A8.3 88.3 88.3 64.3 2000| 66.3 1800| 66.6 1900| 88.3 1000| 69.2 92.8 91.1 91.1 91.2 91.2 91.2 91.5 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.5 91.5 91.5 91.5 91.5 91.5 91.5 41.5 91.5 ыŁ 93.4 93.4 73.4 93.4 91.4 93.4 ωE 94.7 94 . # 94.4 94.9 44.3 94.9 94.9 34.9 44.9 94.9 94.9 94.9 95.6 95.8 G.E 10001 97.5 75.1 95.4 95.7 95.0 35 .. 45.A 95.6 95.8 95.8 95.8 95.8 95.8 75.6 9001 89.8 8001 90.1 96.1 96.7 96.5 46.6 97.2 96.6 97.2 96.6 96.6 96.6 96.6 96.6 96.6 96.6 25.7 76.5 90.6 46.6 1.5 96.9 97.2 70.1 91.2 97.2 is E 90.4 98.4 97.8 99.5 46.4 , A . 4 9 4 . 4 98.4 98.4 98.4 46.8 97.5 +6.40 44.5 98.8 98.8 ù Ł 98 . 1 44.7 34.8 98.8 98.8 94.8 90.8 Fool 90.5 47.6 99.2 44.4 99.6 1.6 16.9 94.7 43.6 99.6 44.6 99.6 40.6 4.00 99.6 49.6 49.6 4601 9745 7601 5345 49.2 49. 49.A 100.C 90.8 C.F 46.4 97.8 98.7 44.5 99.7 100.0 99.9 99.8 99.8 49.8 6.9 98.3 98.8 49.4 44.0 +9 . R 99.8 100.0 100.0 100.0 100.0 331 45.5 98.0 49.4 100.0 .6.4 98.8 99.4 . 4 . 6 49.8 99.9 112.0 100.0 103.0 100.0 102.0 99.0 . 6 . 9 ... 99.4 120.0 160.0 ... 100.0 100.0 ... 6 7. 5 . 6.9 99.5 98.5 49.4 9 1 49.9 100.6 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OHSTRUATIONS: 433

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX PERIOD OF RECORD: 78-87 MONTH: MAY HOURS(LST): 1200-1400 CE IL ING VISIBILITY IN STATUTE MILES IN | GE FEET | 10 CΕ GE 4 GE GF 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE GE GE GE GΕ ์ ร 1 1/2 1/4 3/4 5/8 5/16 NO CEIL | 54.5 55.3 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 UE 200001 63.1 64.1 64.4 64.4 64.4 04.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 150001 63.7 160001 63.7 64.6 64.7 64.9 64.9 64.9 64.5 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 ... 64.7 54.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 140201 64.9 66.1 66.1 66.1 66.1 66.1 66.1 66.1 66.1 66.1 66.1 66.1 66.1 Lt. 12mool 66.9 b É . l 69.2 68.4 68.4 66.4 64.4 68.4 68.4 68.4 68.4 69.4 68.4 68.4 68.4 SE 100001 70.1 71.3 71.4 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 90cml 70.3 71.5 71.8 L.F 71.6 71.8 71.0 71.4 71.8 71.8 71.8 71.8 71.8 73.7 71.8 73.7 71.8 73.7 71.8 73.7 8: 601 72... 73.4 73 • 7 74 • 8 73.7 74.9 73.7 73.7 73.7 73.7 6.6 70001 73.3 60001 77.4 74.8 74.0 74 . B 74.8 74 . 8 74.A 74.8 74 . A 40101 15.2 75.4 l. E 75.5 75.5 75.5 75.5 75.5 76.7 77.2 71.7 76.4 υĹ 50001 75.0 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.2 77.2 45.01 75.7 45.01 75.7 45.01 87.0 35.01 84.7 35.01 84.6 77.0 42.2 47.2 77.6 F2.2 H7.c 77.6 52.2 67.2 77.4 77.6 77.6 P2.2 77.6 h2.2 87.2 J.E 77.6 77.6 77.6 77.6 77.6 82.2 77.7 82.3 77.7 6 2 • 2 8 7 • 2 92.2 62.2 82.2 82.2 97.5 90.9 87.2 87.2 87.2 87.2 87.2 ·1 · · 91.0 41.0 91. 91.6 91.0 91.0 91.1 n. C 25 cml 45.8 93.9 94.: 94.1 44.1 94.1 94.1 94.1 94.1 20001 97.4 18.01 97.4 19.01 97.7 94.1 94.2 94.2 45.3 45.8 45.4 96.5 46.C 46 .: 96.0 41. . . 46.0 46.0 96.0 96.0 96.0 96.3 96.1 96.1 ٠,٠ 15.4 96.1 96.1 97.5 96.1 96.1 96.1 96.1 96.1 96.2 96.2 97.0 97.4 47.0 37.0 97.0 97.0 97.0 97.0 97.1 97.1 1. 671 - 1. 97.7 41.1 47.7 97.7 97.1 97.8 1 671 44. 34.6 . 1. . 45.6 94.3 95.4 45.6 74.6 98.7 98.7 98.7 98.7 99.8 96.8 9 | 1 | 54.1 5 | 1 | 54.1 4 A .. . 1.5 36.4 7€ . L 74 . t 4 + + e 5 + + n 94 ... 96 .a 96.8 44.4 VA.F 90.9 98.9 98.9 98.9 98.9 99.0 99.0 - 1. S. 44.5 98.9 40.9 94.9 99.3 98.9 98.9 98.9 99.3 1601 HAR . 1. . 94.2 36.1 44.6 91.0 40 44.1 74.1 97.1 99.2 99.1 99.1 99.1 94.2 . . . 1 94 .. 99.2 40.0 45.43 99. 1 99.3 99. ٠, ! 4 R . 3 ٠. 94. 45.4 17.4 49.1 99.7 99. * 99.7 99.7 99.7 99.8 ... 94.5 4 1 .4. 17.5 99.5 44.4 44, E 40, A 99.6 99.8 99.4 99.8 94.8 9.9 99.9 1.1 44. 99. 24.9 99.9 99.4 100.0 100.0 101 140 . . . 44.5 49.0 44 . . . 42.4 · . 99.8 94.4 40.0 99.9 100.0 100.3 ٠., 4.00 99.9 94.9 99.9 99.9 160.0 . 7. 5 94.1 49. 94.0 . . 29.5 49.A 99.4 97.9 99.9 99.9 **.* 130.0 100.0

total number of or traverzonal court

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		-					S AFE TX					MONTH	OF REC	HOURS	(LST):		
	LING	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • •	•••••		PILITY			F S	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
FE	N I	_	6E 6	σε 5	GE 4	GE 3	GE 2 1/2	6 F	GE 1 1/2	GE 1 1/4	GE 1	GE 374	GE 5/8	GE 1/2	GE 5/16	GE 1/4	6E 0
	CEIL I		59.1	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE.	20060 16000 16000	73.0	71.7 71.8 71.6	71.7 71.6 71.6	72.2 72.3 72.3	72.2 72.3 72.3	72.3 72.4 72.4	72 • 3 72 • 4 72 • 4	72.3 72.4 72.4	72.3 72.4 72.4	72.3 72.4 72.4	72 • 3 72 • 4 72 • 4	72.3 72.4 72.4	72.3 12.4 72.4	72.3 72.4 72.4	72.3 72.4 72.4	72.3 72.4 72.4
	14020 12000		72.7 75.6	72.7 75.6	73.1 76.0	73.1 76.0	73.2 76.1	7 ? • 2 7 6 • 1	73.2 76.1	73.2 76.1	73.2 76.1	73.2 76.1	73.2	73.2 76.1	73.2 76.1	73.2	73.2 76.1
ut ut ut	100001 10009 10008	76.€	78.2 78.4 92.4	78.2 78.4 80.4	78.6 78.8 EC.9	78.6 78.6 60.9	7 n . 7 7 c . 4 6 l . C	78.7 78.9	75.7 78.9 81.0	78.7 79.9 81.0	78.9 78.9	78.9 78.9 81.0	73.7 78.9 81.0	78.7 78.9 81.0	78.7 78.9 #1.0	78.7 78.9 81.0	78.7 78.9 91.0
ut ut	70001 60001		# € • # → 1 • 2	80.6 81.2	81.2 81.6	£1.2 £1.6	P1.3 31.7	61.7	81.3 81.7	81.3 81.7	P1.3 P1.7	81.7	81.3 81.7	81.3 81.7	#1.3 51.7	81.7	81.3 61.7
ut et at		F1.7	6 3.2 # 3.9 # 4.8	63.2 63.9 88.6	83.7 84.3 89.2	83.7 84.3 89.2	63.8 84.4 84.4	83.5 54.4 56.4	63.8 84.4 83.4	84.4 89.4	P3.6 94.4 PG.4	57.8 64.4 80.4	R 3 . 8 R4 . 4 H 9 . 4	83.9 84.4 99.4	93.8 94.4 89.4	64.4 64.4	43.6 94.4 F9.4
űE Ję	31 631	₽#. E 92. C	91.3 94.6	91.5	91.7 95.1	91.7 95.1	91.8 91.2	1.0	91.8 95.2	91.6 95.2	91.1	91.8 91.2	21.8 95.2	91.4	91.8	91.8 95.2	91.6 95.2
ut Gt Ut	25 55 1 27 50 1 15 50 1		96.0 77.1 77.2	96.0 97.: 97	96.5 97.5 97.6	96.5 97.5 97.6	90.0 97.6 97.7	*t *li	76.6 47.6 97.7	96.6 97.6 97.7	96.6 97.6 97.7	96.6 97.6 97.7	96.6 97.6 97.7	96.6 97.6 97.7	96.6 97.6 97.7	44.6 47.6 47.7	96.6 97.6 97.7
.E ≠E	1,001	54.5	: 7. t : 1. 1	97.6	98.1	98.1 98.2	90.2 90.3	90.5	98.2 94.3	96.2 45.3	94.2 94.1	98.7	94.2	98.2	98.3	34.1	98.3
₹ •	9231	64.F	96.0 .6.0	98.0 99.1 98.2	78.4 48.4 98.7	48.4 48.5 60.4	9 k . 5 5 k . 6 9 o . 9	yaye yaye yaye	Он. 5 Чи. е Чи. е	99.5 95.6	98.5 98.6 39.0	98.5 99.5 97.7	98.5 98.6 99.0	94.5 94.6 99.0	98.5 98.6 99.0	48.6 94.6	9 M . P 9 M . E 9 M . J
ok a	7271	• 1	1 m = 3	₩ 8 . 4 ₩ 8 . 4	98.4	60. 69.	6 4 9 4 . 4		90.0	90.4	99.0	40.0	94.6	99.6	99.6	99.4	44.4
. E G E	4 . T l		 	98.4 98.4 98.4	98.4 98.4 98.9	69 60	Si Si yang Si Si yang Si yang	• • • •	* * * * * * * * *	.9.1 .9.7	99.5 99.9 99.5	94,9 44,9	00.4 00.6	99.9 44.9	94.4 94.4	.a.c .v.a aa.u	50.0 50.0 50.0
•	, i			48.4	98.9 98.9	• • • •			***	, , , , , , , , , , , , , , , , , , ,	170.0	107.0	100.0	120.7	170.0	107.0	170.0
. 1	1	91.1		9 4 .4	96.9	· · .			19.7	40	100.0	160.0	170.0	1 33.2	100.0	100.0	1.0.0

total summer of consentants of

PERCENTAGE FREWDENCY OF OCCURPENCE OF CETLING VERSUS VISIBILITY FROM FOURLY CHSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX PEPIOD OF PECORD: 78-87 MONTH: MAY HOURS (LST): 1800-2000 CEILING VISIALLITY IN STATUTE MILES 6E NE UT 6E GF GE 2 1 1/2 1 1/4 G E GE 1/2 CE J FLET I GE GΕ Gξ 5/16 63.5 NO CETE I +1.1 64.9 03.1 63.5 61.5 63.5 63.5 63.5 63.5 63.5 63.5 63.5 63.5 5 ! . 5 UE 201004 75.6 16 187071 76.1 UE 167071 76.7 16 14 071 76.5 16 177071 76.6 17.3 78.2 78.2 78.3 78.0 70.0 78.0 78.0 77.7 77.5 78.2 78.3 78 · 2 78 · 3 78 · 5 78 . 2 78 . 3 1 c . 2 7 c . 3 78.2 78.2 78.2 74.3 78.2 78.3 78 • 2 78 • 3 78.2 78.2 * 7.6 78.3 78.3 74.1 78.5 78.5 76.5 78.5 83.2 60.e 9 3 . 6 80.6 90.6 80.6 80.6 89.6 80.6 A 6 . 6 ال و ا #2.6 47.0 45.9 82.6 87.0 85.9 100001 50.5 -1.9 62.2 92.6 A2.6 #3.0 82.6 82.6 82.6 19000 Km.s 9000 +1.0 8000 F.7 7 00 F.8 9000 -5.2 31.4 81.3 67.6 65.5 86.1 #3.0 #5.9 45.5 63.0 95.9 83.C 85.9 83.D 85.9 83.0 85.9 83.0 83.0 83.0 85.9 # 3 . j 85.9 35.4 . . . 1 ... 7 . . . 96.8 86.8 P6 . 6 27.5 57.4 07.5 57.8 87.9 P7.8 87.8 87.8 87.8 87.8 87.8 87.8 10074 4006 41671 -7.4 4 031 4 04 35 71 4102 94.6 94.5 99.4 99.8 69.5 89.8 89.8 89.8 80.8 89.8 89.8 89.8 # 5. 9 # 1. 4 43.4 43.E 9 (.b 90.5 90.8 97.8 90.8 90.8 90.8 90.8 94.5 10.0 90.6 90.8 94.5 94.5 34.4 ... 9 8 . 1 45.3 90. 95.3 95.3 95.3 95.3 95.3 ... 95... 95.3 95.3 95.3 95.3 37 631 560 1 . 5 95.0 96.7 46.5 96.8 96.8 96.8 96.8 96.8 96.8 25 (2) 9744 97.3 97.3 . 6.2 41.. 27.3 97. 1 97.3 97.3 97.3 97.3 97.3 95.7 95.7 97.6 97.7 67.6 16.5 97.5 9 7 .6 97.5 97.5 97.5 97.5 97.5 97.7 97.5 97.7 97.5 97.5 97.5 97.7 4- . ? 98.7 98.7 98.7 94.3 96.6 . 7. 5 \$4.7 46.1 94.8 98.9 98.8 98.8 98.8 98.8 98.8 98.8 1 - 2 - 1 - 5 - 4 - 7.6 98.1 90.7 99.0 44. 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99 K 44.4 40.4 99.5 99.5 99.5 . . 94... 49.5 49.5 99.5 99.5 99.5 99.5 99.6 . . . 1 44.5 99.1 60.5 44.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 60.6 99.9 99.8 99.8 99.8 49.6 44.9 99.6 99.8 99.8 99.8 ٠.. 48.6 59 .. 57.6 99. 5 49.4 99.6 99.4 99.8 99.8 99.A 99.8 e. ' 94.7 .4.7 49.9 99.4 40. . 45.0 40.0 99.9 99.9 99.9 99.9 99.9 99.9 99.9 94.7 \$9.7 43.3 99.9 100.0 100.0 100.0 94.4 100.0 103.0 100.0 100.0 130.0 40.4 100.0 48.7 99.4 . . . 7 * * . 7 94.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 48.7 98.7 90.0 40.5 99.4 49.7 . . . 1 49.3 100.0 100.0 100.0 100.0 100.0 100-0 100-0 100.0 . . . 3 99.4 -4.1 100.0 170.0 100.0 100.0 100.0 100.0 100.0 100.0 14.1 94.7 95.4 47.7 14.7 99.9 39.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

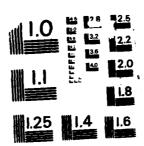
SCHAL WINDLE OF A MERCANDS IN 1912

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATICH NUMBER: 722665 STATION NAME: DYESS AFR TX

			72 266 5											0PD: 78		3100.0	24
G	ILINS	•••••	• • • • • •	• • • • • • •	· • • • • • •	• • • • • •	• • • • • • •									2100-23	26
٠,		1 50						• • • •	TOTELL	IN STA	TUTE MIL	ES			•••••	• • • • • • •	•••••
		1 20	CE 6	ΘE	GE		ec			GE	GE	GΕ	GE	GΕ	n.r	7.8	. 1
			C	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2			
• •	••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •						••••••
NO	CEIL	1 68.2	٤٩.:	69.5	69.5	69.5						69.5	69.5	69.5	64.5	e. 4 . 4	
	20020		3.0											0,.,		6.4	19.5
	18200		75.4	7 B • 7	78.7	79.7		78.7	78.7	78.7	78.7	79.7	78.7	79.7	78.7	24.7	** .
			78.5	78.8	78.8	78.8		72.9	78 · 8	78.8	78.6	78.8	78.8	70.9	78.8	78.6	4.4
	10000		7ê.8	79.1	79 • 1	79.1	75.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	74.1	7	
	14000		79.0	79.4	79,4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	9.4		``.
E: Ł	12700	1 79.5	81.0	81.3	91.3	81.3	81.3	81.3		81.3	81.3	81.3	81.7	81.3	P1.1	7.5.4	* • • •
												0.02	~ . • .	01.	- • •	• : • *	*
	10000		31.9	82.3	62.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	42.3	45.1		
	9000		91.9	82.3	82.3	82.3	82.3	62.3	82.3	62.3	82.3	67.3	87.3	M2 • 3		* . •	
	8750		54.1	84.4	84 . 4	64.4	£ 4 • 4	04.4	84.4	84.4	94.4	34.4	s	94.4	• `, '	•	
υE	7700	1 62.6	94.4	34.7	84 . 7	84.7	84.7	64.7	34.7	84.7	84.7	64.7	R4.7		• • •		
6€	60.5¢	1 63.2	55.I	85.4	95.4	85.4	9 . 4	85.4	95.4	05.4	95.4	8 . 4	55.4	44.	* • • •	• •	
										03.4	3.4	6.4		35.4	* . *		
υE	50.00	1 85.7	88.0	88.3	88.3	69.3	68.3	80.3	48.3	88.3	99.7	68.1	58.3				
٥E	45.00	66.7	45.2	89.6	89.6	69.6	89.6	89.6	59.6	3.98	69.6	43.5	•	9 6 . 7	•		
	4060		92.3	92.9	92.9	92.9	92.9	92.9	92.4	92.9	92.9	9.0	90.6	***		•	
6 E			92.9	93.5	93.5	93.5	93.5	93 4	93.5	93.5	0 1	61.6					
Úξ	30.001	91.3	94.5	95.6	95 . 8	95.6	95.0	45.0	95.8	95		,	34.	1.5	· .		
										7,	•		45.0	* • •	•		
CΕ	25 35 1	91.8	95.4	96.1	96.5	96.5	96.5	96.0	96.5	96.5	94.1						
GE		92.2	95.7	96.7	97.0	97.0	97.0	97.3	97.0	97.0		• • •	*	·· ·			
Ŀ€	18 001	92.3	95.8	96.8	97.1	97.1	97.1	97.1	97.1		97.5		• • •	· · ·			
٥E	15001	93.2	27.1	95.1	98.4	48.4	90.4	95.4	-	97.1	97.1	· * • 1		٠.			
GΕ	1200	93.7	\$7.5	98.5	98.8	98.8	40.6	98.4	9 4 4	98.4		يه ينو يا	44.4	** .			
						,,,,,	, , ,	** • 4	93.6	46.5	4	* * * *					
٥E		94.0	97.8	98.8	99 • 1	99.1	99.1	90.1	99.1	99.1							
úΕ		94.3	94.2	99.1	99.5	99.5	95.5	95.4	, ,		49.1						
٥E	8.001	94.4	98.3	99.2	99.6	99.7	9 7 . 7	99.7	24.7	¥ 2 • 1		•					
υE	7 00 1	94.4	98.3	99.2	99.6	99.7	99.6		79.4	45.	64.						
C.E	6001	94.4	98.3	99.2	99.6	99.7	99.0		77. #	7 * * *							
						. • .		, , , ,		* * • *	• • •						
GE		94.4	98.4	99.4	95.7	59.9	15: .	1	170.0	1.	4 10						
üŁ	4.301	54.4	94	99.4	99.7	99.4	1 11		17000								
ĿΕ	3001	94.4	98.4	99.4	99.7	99.4	1.	•	177.		•						
G E		44.4	96.4	99.4	99.7		1										
CE	1001	54.4	92.4	99.4	59.7	97.											
			•	• •			• • • • •	• •		1 .							
LE	21	94.4	95.4	99.4	64.7	49.4	1 .										
	• • • • • •		• • • • • • •					•	•		•						
							•••••	• • • • • • •	• • • • • • •								

AD-A190 356 3/4 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHAR*
NATIONAL BUREAU OF STANDARDS**(9637

PERCENTAGE FARGUENCY OF OCCURRENCE OF CFILING YERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX PEPIOD OF RECORD: 78-87 MONTH: MAY HOURS(LST): . CEILING VISIBILITY IN STATUTE MILES 1 GE Œ GE 6 F GE GΕ GE GE GE GE 2 1 1/2 1 1/4 GE Gr I 14 GE 10 3 2 1/2 1/4 3/4 5/16 Ü 1/2 5/8 NO CETE 1 59.2 61.3 61.5 61.7 61.7 61.7 61.7 GE 200001 68.1 75.6 79.9 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71 - 1 CE 180001 68.5 71.5 71.5 71.0 71.2 71.5 71.5 71.5 71.4 71.4 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.0 71.3 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 140001 69.1 72.1 74.6 71.6 72 . G 72.1 72.1 72.1 72.1 72.1 72.1 72.1 72.1 72.1 72.1 GE 120001 70.9 ij₽. 100001 73.3 76.1 76.3 76.5 76.5 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 90001 73.4 LE 76.2 76.5 76 • 7 76.7 76.7 76.7 76.7 76.7 76 • 7 76.7 76.7 76.7 76 • 7 78 • 8 76.7 76.7 ÚΕ 76.3 78.5 79.2 7å • 7 78.8 78.8 79.8 78.8 78.8 78.8 79.8 78.8 78.9 78.8 78.8 70001 76.5 ĢΕ 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 80.1 65301 76.6 79.€ (.F 79.9 80.1 90.1 80 · 1 87.1 80.1 80.1 9 C . 1 50001 79.1 81.5 GE 81.8 82 • 0 82.1 82.1 a2.1 82.1 92.1 82.1 82.1 92.1 82.1 82.1 82.1 45001 77.1 40001 62.1 46.1 83.1 ĿΕ o3 • 3 63.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 e3.4 83.4 e 3 . 4 GΕ 86.8 86.5 86.8 86.8 86.8 36.38 86.8 86.9 86.8 86.8 86.8 86.8 86.8 8.69 35001 63.7 30001 65.5 ٤٤ 88.5 85.5 88.5 88.5 88.5 68.5 98.5 88.5 86.5 88.5 88.5 90.5 Gξ 90.0 99.4 90.7 93.8 90 .P 9Q.B 90.8 90.8 96.9 űΕ 25001 46.9 41.6 92.1 92.4 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 20001 68.0 19001 68.2 93.0 93.6 94.C 94.3 94.0 94.3 (F 93.9 94.0 94.0 94.0 94.0 94.1 94.1 94.1 94.1 94.1 94.1 94.4 94.3 94.4 94.4 GΕ 94.2 94.3 94.3 94.4 94.4 94.4 94.3 95.6 ٤٤ 95.1 95.6 45.6 95.6 95.7 95.7 95.7 95.7 95.7 95.7 95.6 95.6 . . . 12001 89.7 25.4 96.5 96.5 96.6 96.6 96.7 96.7 ĠΕ 10001 90.2 76.1 97.3 97.4 97.5 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 96.8 97.6 97.6 98.2 9001 90.6 8001 90.8 96.6 96.9 97.4 97.6 GE 97.9 98.C 96.1 98.1 98.2 98.2 99.2 98.2 98.2 98.2 98.2 99.5 98.5 98.5 GE 98.2 98.4 96.4 98.5 98.5 98.5 98.5 98.5 99.6 96.6 97.0 96.4 9 t . b 99.0 99.0 CE 99.0 99.0 99.0 99.0 99.0 €601 90.9 47.2 98.0 98 • 7 99.0 99.1 99.2 99.2 99.3 99.3 99.3 ĢΕ 5 (3) 97.9 77.3 98.2 98.9 99.2 99.3 99.5 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 4 COL 90.9 GF 91.3 91.3 98.2 98.9 99.3 99.3 99.4 99.6 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 98.2 90.9 99.9 úΕ 99.8 99.9 99.9 99.9 99.9 1001 90.9 GF 97.3 99.3 99.4 99.7 99.7 99.9 99.9 99.9 99.9 100.0 100.0 97.3 98.2 99.3 99.7 99.8 99.9 GE 98.9 94.4 99.7 99.9 99.5 99.9 100.0 100.0 100-0 01 93.9 ĠΕ 97.3 98.2 98.9 99.3 99.4 99.7 99.7 99.8 99.7 99.9 99.9 99.9 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PEPIOD OF RECORD: 78-87 MONTH: JUN HOURS (LST): 0000-0200 CE IL ING VISIBILITY IN STATUTE MILES GE G£ GE GE CE GE GE GE GE GE GΕ GE 114 GE 1 1/2 1 1/4 1/2 10 3 2 1/2 3/4 5/16 1/4 0 6 NG CEIL | 72.2 73.2 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 73.3 80.9 80.9 80.9 80.9 80.9 80.9 GE 250001 79.8 8.28 80.9 80.9 83.9 8 C . 9 80.9 80.9 80.9 GE 180001 77.8 GE 160001 79.8 8g.9 80.9 80.9 80.9 3 Č. 8 80.9 80.9 86.9 83.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 9 C. 9 80.9 80.9 80.9 80.9 80.9 80.9 86.9 80.9 30.9 80.9 80.9 UE 140001 79.9 81.3 81.0 81.C 81.0 81.0 81.0 81.0 62.7 GE 120001 81.1 92.2 82.3 82.3 82.3 92.3 82.3 82.3 82.3 82.3 82.3 82.3 84.6 GE 100001 82.8 94.3 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 90001 82.8 80001 85.2 70001 86.0 84.6 84.6 ×4.3 84.6 84.6 84.6 84.6 84.6 64.6 84.6 84.6 84.6 84.6 84.6 84 . 6 87.1 87.9 86.9 87.1 67.9 87.1 87.9 67.1 67.1 87.1 87.1 87.1 1.F 87.1 87.1 87.1 87.1 87.9 ĢΕ 8 € • 2 88.4 65001 86.6 88.4 88.4 88.4 88.4 88.4 88.4 88.4 28.4 88.4 88.4 98.4 88.4 88.4 űΕ 50001 87.6 89.2 89.4 89 - 4 89.4 89.4 89.4 99.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 CE 45 LOT 88.0 42601 92.3 90.0 92.7 90.0 92.8 90.0 92.8 GΕ 39.8 90.0 90.0 96.0 90.0 90.C 90.0 90.0 90.0 90.0 90.0 90.0 92.8 92.8 92.8 92.8 92.8 92.8 GE 92.4 92.7 92.7 92.7 92.8 92.8 93.9 93.9 (.F 30001 91.9 34.4 94 .. 94.4 94.9 94.9 95. 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95.0 25001 92.6 95.3 95.7 95 . 8 95.8 95.9 96 .C 96.0 96.0 96.C 96.0 96.0 96.0 96.0 96.0 96.0 GΕ 2000| 92.8 1800| 92.9 95.7 95.8 96.0 96 • 1 96 • 2 96.2 96.3 96.3 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.6 97.0 96.6 96.1 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96 . 6 GΕ 97.0 97.0 97.8 97.0 97.0 97.0 97.0 GΕ 12001 43.3 96.9 97.2 97.3 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.8 98.6 10001 93.6 97.6 98.0 98.1 98.4 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 9001 93.6 98.0 98.0 96 • 1 98 • 1 98.2 98.2 96.4 98.4 98.6 98.6 98.6 98.6 GΕ 77.€ 98.6 98.6 98.6 98.6 98.6 98.6 98.6 +7.6 48.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 6E 98.6 98.6 98.6 99.1 700| 93.6 91.6 98.0 98.2 96.4 98.6 98.6 98.6 98.6 98.6 98.6 99.1 97.1 GE 98.1 98.6 98 . 7 98.8 94.6 49.1 99.1 99.1 99.1 99.1 99.1 99.1 99.9 GE 5001 97.9 98.6 99.0 99.2 99.4 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.8 99.9 99.9 99.9 4001 43.9 98.7 99.0 99.1 99.2 99.3 99.8 99.9 99.9 99.9 99.9 99.9 GE GE 99.4 99.7 99.8 99.8 99.6 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 2001 93.9 78.7 99.1 99.3 99.6 95.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100-0 100.0 99.9 99.9 1001 93.9 94.7 99.3 99.6 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 (E 99.1

99.9

99.9

99.9

99.9 300.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OHSERVATIONS: PUC

79.7

99.1

99.3

99.6

99.8

01 93.9

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AIR WEATHER SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS

							SS AFB 1X					HONTH		HOURS	(LST):	0300-05	
	11. It: G	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		PILITY				• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••••
F	IN I	GE 10	CE 6	G E 5	GE 4		GE 2 1/2	G E 2	GE 1 1/2	GE 1 1/4	GE 1	6E 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE D
	CEIL		69.3	69.4	69,4	69.4	69.4	67.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GΕ	200001	75.7	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
6E	180001	75.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
	160001		77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
ίĒ	140001	76.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
٥E	12000	77.0	78.3	78.7	76.7	78.7	7 c . 7	75.7	78 • 7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
í.F	100601	78.3	75.9	8 n • 2	80.3	80.3	86.3	53.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE	90401		d C • 2	80.6	8G . 7	80.7	8 2 • 7	80.7	80.7	60.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
ΰĒ	60.001		32.2	82.6	82.7	62.7	82.7	82.7	82.7	82.7	A2.7	82.8	82.8	82.8	82.8	82.8	82.8
C.E	70001		82.9	83.2	83.3	83.7	93.3	83.3	83.3	83.3	93.3	83.4	83.4	83.4	83.4	83.4	83.4
GΕ	60001		84.0	84.3	84.4	84.4	54.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
GE	50001	P * . B	95.6	85.9	86.0	86.C	86.0	86.3	86.C	86.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1
6E	45001		96.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.n	87.0	87.0
ÚΕ	40.00		97.9	88.3	88.4	88.4	86.4	89.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	58.6	88.6
GΕ	35 00 1		89.0	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE	30 60 1		90.1	99.7	91.0	91.D	91.0	91.5	91.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GΕ	25 60 1	88. 3	91.3	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE	20 00 1		93.9	94.4	95.0	95.0	95.0	95.0	95.0	95.C	95.0	95.1	95.1	95.1	95.1	95.1	95.1
ĿΕ	19 00 1		94.2	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE	15 00 1		95.4	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GΕ	1260]		96.B	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
SΕ	10001	92.3	96.4	97.1	97.7	97.8	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
G.E		92.4	96.6	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.D	98.0	98.0
úΕ		92.6	76.7	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98 • G	98.1	98.1	98.1	98.1	98.1	98.1
68	7091	92.6	96.8	97.4	98 • 5	98.1	98.1	98.1	98.1	98.1	98.1	99.2	98.2	98.2	98.2	98.2	98.2
υE		42.6	97.2	97.9	98 • 4	99.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
G.E	Scal	92.6	97.8	98.6	99.1	99.3	95.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
33		92.6	77.8	98.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	90.8	99.9	99.9	99.9	99.9	99.9
υE		92.6	97.8	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.7	94.8	99.9	99.9	99.9	99.9	99.9
GE		92.6	97.8	98.6	99 • 2	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0
űĒ		92.6	77.8	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0
ûE	31	42.6	97.8	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY CUSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87 MONTH: JUN HOURS (LST): 060n-n800 VISIBILITY IN STATUTE MILES CEILING GE GE GE GE IN | GE FEET | 10 G E 5 GE GE GE GΕ GŁ GE GE GE 2 1 1/2 1 1/4 6 3 2 1/2 5/8 1/2 0 3/4 60.J 60.1 NO CEIL | 57.4 6 C . C 60.0 60.1 60.2 60.2 60.2 6D.2 67.2 6D.2 60.2 60.2 60.2 60.3 70.1 70-1 70.2 SE 200001 66.6 69.8 69.9 70.0 70.0 70.C 70.1 77.1 70.1 70.1 69.8 69.8 69.9 70.3 70.4 70.4 71.1 70.2 70.3 70.4 70.4 70.4 70.4 GE 18000| 67.1 7C.1 70.1 70.1 70.2 70.3 70.4 70.4 70.6 70.2 70.9 70.3 70.3 71.0 70.4 71.1 70.4 71.1 70.4 GE 160001 67.1 70.1 70.1 70.1 70.2 70.3 70.6 140001 67.8 71.0 71.0 71.1 71.1 71.1 70.8 71.2 GE 71.8 70.8 70.9 120031 70.1 75.7 76.C GE 100001 72.2 75.9 75.9 76.0 76.0 75.4 75.6 75.6 75.9 90001 72.9 80001 74.8 76.7 79.9 76.7 78.9 76.7 76.7 76 • 7 73 • 9 76.8 GĒ 76.1 76.2 76.2 76.3 76.6 78,2 79.4 78.9 GΕ 72.1 78.2 78.6 70.6 70.3 78.6 78.8 78.9 78.9 79.0 70001 76.0 79.4 79.8 80.1 80.0 90.0 80.0 80.1 80.1 GE 79.3 74.6 30.1 80.8 80.8 8.68 80.8 8.08 8,08 PD. 9 80.1 80.4 80.7 80.7 82.4 82.6 GE 50001 78.0 81.6 81.6 62.1 92.1 82.3 82.7 84.2 82.8 52.8 84.3 82.8 84.3 82.8 84.3 82.8 84.3 45 CO 78.7 91.6 81.9 83.4 81.9 82.4 82.4 82.7 82.7 82.8 82.9 84.0 84.2 84.3 84.4 GF 83.4 84.C 84 . 2 84.4 35 CO | 79.6 84.1 84.4 83.6 84.1 84.3 63.4 84.3 84.3 GE 83.6 84.8 30001 79.9 85,C 85.0 95.1 85.1 85.1 85.1 85.1 85.1 85.2 GE 25001 81.9 86.8 87.C 87.1 87.1 87.1 87.1 87.1 87.2 ĿE 36.1 86.2 86.2 9 C • Z 9 1 • 1 90.4 91.0 91.0 91.2 91.2 91.3 91.4 91.4 91.4 92.4 91.4 91.4 91.6 GΕ 20001 85.3 90.4 91.0 92.4 18001 86.2 91.3 91.3 92.C 93.4 92.6 92.2 93.7 92.2 92.2 92.3 92.6 GE 15 00 | 87.2 92.3 92.8 93.4 93.7 93.8 93.9 GE 12001 89.3 95.1 95.1 95.1 95.1 95.1 95.2 υE 10001 89.8 95.8 96.3 96.0 96.0 96.1 96.2 96.2 96.2 96.2 96.2 96.3 GE 9001 89.0 6001 89.3 95.0 95 • 7 96 • 4 96.3 97.2 96.4 96.7 97.6 96.7 97.6 96.8 96.9 96.9 97.8 96.9 97.8 96.9 GE 94.6 96.7 96.9 97.0 97.8 95.1 97.6 GE 98.1 98.1 98.1 96.0 97.7 97.9 98.0 99.1 98.2 Ú₽. 6E 6601 89.4 96.2 97.2 98.0 98.1 98.3 98.4 98.4 98.6 98.7 98.7 98.7 98.7 98.7 98.8 GE 5001 89.4 96.4 98.2 98.3 98 .8 98.9 98.9 99.0 99.1 99.1 99.1 99.1 99.1 99.2 99.4 99.7 99.3 96.4 99.3 99.3 6.F 4031 89.4 95.7 97.4 99.3 96.4 98.9 99.0 99.0 99.1 99.3 99.3 3031 89.4 97.4 98.6 99.1 99.1 99.6 99.6 99.6 99.6 99.6 GE 2001 89.4 75.8 96.6 97.6 98.6 90.7 99.1 99.3 99.3 99.6 99.8 99.8 99.8 99.8 99.8 99.9 99.8 98.7 99.1 99.3 99.3 99.6 99.8 99.6 GE 1201 89.4 95.8 96.6 97.6 98.6 99.8 01 82.4 97.6 98.6 99.3 99.9 99.9 99.9 100.0 G.F 95.8 96.6 98.7 99.1 99.3 99.7 99.9 99.9

PERCENTAGE FPF-UENCY OF GCCURRENCE OF CEILING VFRSUS VISIBILITY FROM FOUPLY OBSERVATIONS

		_				-	S AFR T					MONTH	: JUN		ILST):	0900-11	.00
	IL ING			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •			IN STAT			• • • • • •		•••••		
		GŁ	GΕ	GE	GE	GE	GE	G E	GE.	GE	GE	GE	GE	GE	GE	GE	G E
		10	6	5	- 4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
			_							• • • • • • •							
% 0	CEIL	60.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE	200001	69.9	71.1	71.1	71 • 1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
6E	180001	70.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE	160001	79.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
	140001		72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
	120001		75.4	75.4	75 • 4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
																-	
LΕ	100001	76.3	77.9	77.9	77.9	77.9	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
ĢΕ	95001	77.4	79.0	79.0	79.0	79.0	79.6	79.5	79. C	79.E	79 • D	79.0	79.0	79.0	79.0	79.0	79.0
GE	80 001	79.€	8 C • 2	89.2	80.4	80.4	8 C . 4	83.4	80.4	60.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
üΕ	70001	79.9	5 C . 6	80.6	80.8	8.03	8 ن ع	8.76	61.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	8C.8
GE	60001		9 1 • 2	81.2	81.4	81.6	61.6	81.6	61.6	81.6	81.6	81.5	81.6	81.6	A1.6	81.6	81.6
GE	50601	77.7	31.9	81.9	82.1	82.2	32.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GΕ	45 00	77.9	92.1	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
ĞΕ	40001	01.2	A 2.7	83.8	84.1	84.2	84.2	84.2	94.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE	3500	82.4	34.9	85.0	85 . 3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE	30001	34.6	37.2	87.3	87.8	67.9	87.9	37.9	87.9	87.9	87.9	87.9	37.9	87.9	97.9	87.9	R7.9
GΕ	25 00	37.8	96.8	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GΕ	20001	89.9	93.2	93.3	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE	18 00 1	90.4	94.0	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
ЬE	15 00	91.4	75.2	95.3	95 • 8	95.9	95.9	95.7	96.0	96 • €	96 • C	96.0	96.1	96.1	96.1	96.1	96.1
GE	12001	92.0	96.0	96.1	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
CE	10001	92.3	76.6	96.8	97.4	97.6	97.€	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.6
GΕ	5 30 [92.4	96.6	97.0	97.7	97.8	97.9	97.9	98.0	98.0	98.0	99.0	98.1	99.1	98.1	98.1	98.1
GΕ	F 501	92.4	9t.8	97.1	97.8	97.9	96.0	98.3	98.1	98.1	98.1	9 P . 1	98.2	98.2	98.2	98.2	98.2
GŁ	7001	92.4	97.1	97.4	78.4	98.6	98.7	98.7	98.8	98.8	98.5	98.8	98.9	98.9	98.9	98.9	98.9
GE	6 001	92.4	97.2	97.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
_				_													
GΕ		42.6	97.6	98.3	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
٥E		42.6	07.6	98.0	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
Ģ€		92.6	47.6	98.0	49.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
CE		72.6	77.6	98.0	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
€را	1001	42.€	97.6	9 R . L	99 • 2	99.3	99.4	99.4	99.7	99.7	99.7	,99.7	99.8	100.0	100.0	100.0	100.0
GF	c 1	92.6	37.6	98.0	99.2	99.3	99.4	97.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0	160.0	100.0
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR IX PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1200-1400

												MONTH	I: JUN	HOURS	(LST):	1200-14	30
• • •	ILING VISIBILITY IN STATUTE MILES																
CEI		GE	GΕ	GE	GE	GΕ	GF	Q.F.	GE	GE GE	GE LIF	. E S	GE	GΕ	GE	GE	GE
		10	6		4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	O.
_		-	_								_					-	_
• • •																	
NO	CEIL I	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE	200001	74.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
	180 001		75.0	75.0	75 • û	75.6	75.0	75.0	75 · C	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	160001		75.1	75.1	75.1	75.1	75.1	75 -1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	190 ap 1		76.2	76.2	76.2	76.2	76.2	76.2	76.2	76 • 2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	120001		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	loggal		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
ĿΕ	90 CO	74.4	79.8	79.8	79.6	79.8	79.8	79.8	79 + 8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
ĿΕ	87 CO		81.4	81.4	81.4	81.4	81.4	81.4	81.4	01.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GΕ	70001		51.8	81.8	91.8	81.8	ಕ1.ಕ	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
ÚĹ	PS C3	60.2	81.9	81.9	81.7	81.9	01.9	81.9	81.9	81.9	91.9	81.9	81.9	81.9	81.9	81.9	81.9
úΕ	50001	£7.7	82.4	82.4	92.4	62.4	82.4	87.4	82.4	62.4	92.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	45 601		93.0	83.0	83.0	83.0	93.0	83.7	93.0	83.C	93.0	83.0	83.p	83.0	83.0	83.0	83.0
υE	40601		95.7	85.7	85.7	85.7	85.7	65.7	85.7	85.7	95.7	85.7	85.7	85.7	85.7	85.7	85.7
6E	35 00 1		a 5 . 1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE	30001		94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , ,	7702	, , , , ,	,,,,,	,,,,,	,					,		,		, , , ,	,,,,,
üΕ	25.001	93.7	96.4	96.4	96.4	96.4	96.4	95.4	96 • 6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GΕ	2001		97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GΕ	16001	54.9	97.7	97.7	97.7	97.8	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
ĿΕ	15601	95.2	78.1	98.2	98 • 2	98.3	98.3	48.3	98.4	98.4	98.4	98.4	93.4	98.4	98.4	98.4	98.4
6E	12001	95.4	48.7	98.8	8 • 8	98.9	96.9	96.9	99.0	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.D
ĿΕ	15001	95.4	98.7	98.5	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
υE		95.4	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE		95.4	96.6	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
υE		95.4	46.6	99.0	99 • 3	99.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GF		95.6	98.9	99.1	99.4	99.7	99.7	99.7	99.5	99.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8
C.E		95.6	y 8.9	99.2	99.6	99.8	94.8	99.9	100.0	100.0	100.0	100+0	100.0	100.0	100.0	100.0	100.0
UL		45 e f	96.9	99.2	99.6	99.8	99.8	99.9	193.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE		45.6	98.9	99.2	99.6	99.8	99.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65		95.6	96.9	99.2	99 • 6	59.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0
6.5	1001	95.6	98.9	99.2	99 • •	99.8	99.8	99.9	780.C	100.0	100.0	100.0	100.0	100.0	100.0	163.0	100.0
₽£	01	95.6	98.9	99.2	99.6	99.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVIC	E/M AC		
STATION NUMBER: 72	2665 STATION NAME:	DYESS AFB TX	PERIOD OF RECORD:

-				_			SS AFB TX					MONTH	: JUN		(LST):	1500-17	
	IL ING	• • • • • •	• • • • • • •		• • • • • • • •	• • • • •	• • • • • • • •		RILITY				• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
	IN I	GE	GE	GE	GE	GE	GE	G E	GE	GE	GE	GE	GE	GE	GE	GE	GE
	E 1	10	6	- 5	4		2 1/2	2	1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
NO	CEIL I	69.1	70.3	70.3	70.3	70.3	7 C • 3	70 • 3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GF	200001	79.7	31.1	81.1	81.1	81.1	81.1	81.1	91.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
υE	100001	79.8	21.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GΕ	160001	79.9	31.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	61.3	81.3
GΈ	140001	51.3	32.8	82.8	82.6	8.58	8.28	82.9	52.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	92.8
GΕ	127501	6.7.3	9 1. 6	83.8	83.8	8.83	83.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	63.8	83.8
GE	100001	87.0	24.8	84.9	94.8	84.8	84.8	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.6	84.8
lı E	90001		24.B	84.6	84.8	84.8	84.8	84.8	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
LE	10008		26.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86 . 7	86.7	86.7	86.7	86.7	86.7	86.7
υE	70.001		0.15	87.0	87.ú	87.0	87.0	b7.3	87.C	87.C	87.0	87.0	87.0	87.0	87.0	87.0	87.0
υE	62001		d 7 • 1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	97.1
3.0	57601	86.1	٤٤.0	88.0	0.85	89.C	88.C	88.0	88.0	£8.j	88.0	88.0	88.0	88.0	88.D	88.0	0.89
6E	45 001		a E . 9	89.0	89.0	89.0	8 7 .0	89.0	89.C	89.0	89.D	87.0	89.0	89.0	89.3	89.0	P9.0
6E	40001		91.9	92.3	92.6	92.0	92.0	92 · J	92.C	92.E	92.0	92.0	92.0	92.5	92.0	92.0	92.0
u€	35 631		72.6	93.7	93.7	93.7	93.7	97.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
ů.E	30 00 1		96.9	97.5	97.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	25 001	C - 1.	79.1	98.2	98 • 2	98.3	9 ê • 3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.3	98.3
JE	20001	-	78.6	98.7	98.7	98.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE	18001		78.6	98.7	98.7	98.8	96.8	98.8	98.8	98.8	98.8	99.8	98.8	98.8	98.8	98.9	98.9
jĘ	15001	-	99.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
üΕ	17001		99.2	99.3	99.3	99.4	99.4	49.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
(»E	10001	94. 2	95.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
6.5		90.3	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6	9. 6	99.6	99.6	99.6	99.7	99.7
5E		36.3	33.2	99.3	99.3	59.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE		96.3	95.3	99.4	99.4	49.6	99.6	49.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE		96.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.4
6.E	5 001	96.3	99.3	99.4	99.4	99.6	49.6	49.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0
la E		96.3	99.3	99.4	99.4	99.6	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0
υE		96.3	55.3	99.4	99.4	99.6	99.6	49.6	79.6	99.7	79.8	99.8	99.8	99.8	99.9	100.0	100. p
GΕ		96.3	35.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE		96.3	y 9.3	99.4	99.4	99.6	49.0	99.6	99.6	99.7	99.5	29.8	99.8	99.8	99.9	100.0	100.0
LF	21	96.3	99.3	99.4	29.4	99.6	95.6	90.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PEPIOD OF RECORD: 78-87 MONTH: JUN HOURS (LST): 1800-2000 VISIPILITY IN STATUTE MILES CEILING GE GE GE 4 3 2 1/2 GE GE GE 1/4 1 3/4 IN | GE FEET | 10 GE GE GE 2 1 1/2 1 1/4 GE GE 6 5 5/8 1/2 5/16 1/4 0 NO CEIL 1 72.5 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 85.1 95.1 85.1 85.1 85.1 DE 200001 64.6 35.1 85.1 85.1 85.1 A5.1 85.1 85.1 85.1 85.1 85.1 GE 160001 84.6 GE 160001 84.6 85.1 85 • 1 55 • 1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 65.1 85.1 a5.1 85.1 85.1 95.1 85.1 85.1 85.1 85.1 85.1 95.1 GE 140001 85.1 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 GE 120001 85.9 36.4 86.4 86 . 4 86.4 86.4 86.4 36.4 86 . 4 86.4 86.4 36.4 86.4 86.4 86.4 86.4 A9.4 89.4 89.4 GE 100001 88.4 P 5 . 4 89.4 89.4 87.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 90001 88.6 80001 90.3 89.6 89.6 89.6 89.6 89,6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 66 £ 9.6 89.6 71.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 GΕ 91.7 75001 90.7 91.7 91.7 91.7 91.7 91.7 ьE 60001 91.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 50001 92.3 45001 93.0 93.6 91.6 93.6 93.6 93.6 93.6 94.2 93.6 93.6 93.6 93.6 93.6 93.6 6E 93.6 93.6 93.6 94.2 94.2 94.2 94.2 95.4 94.2 94.2 94.2 94.2 94.2 úΕ 94.2 95.4 94.2 94.2 94.2 94.2 40001 94.0 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 ú٤ 96.2 96 • 2 97 • 7 96.2 35 601 94.6 96.2 96.2 97.7 96.2 96.2 96.2 96.2 96.2 97.6 υE 30501 95.4 97.7 GE 25001 95.8 97.9 97.9 98.0 98.6 98.0 98. 0 98.0 98.0 99.0 98.0 98.1 98.1 98.1 98.1 98.2 98.2 98.3 20001 95.9 97.8 98.0 98.1 96.1 96.1 98.1 98.2 98.2 98.2 98.3 98.3 98.3 υE 96.0 18601 95.9 17.8 98.1 98.2 98 . 2 98.2 98.2 98.3 98.3 98.3 98.3 υE 98.0 98.2 99.0 ٥E 15 CO | 96.0 12 CO | 96.1 99.2 93.6 98.6 98.8 95.8 98.8 98.9 98.9 98.9 98.9 98.9 99.3 99.0 99.4 99.0 99.0 98.8 ű E 98.8 99.3 99.6 99.7 99.7 99.8 99.8 99.8 99.8 10001 96.4 98.7 99.1 99.1 79.3 99.7 99.7 υE 99.3 99.8 9001 96.4 99.1 99.3 99.3 99.6 99.6 99.7 99.7 99.7 99.8 99.8 99.8 GE 99.7 99.1 59.3 99.7 PCD1 95.4 98.7 99.1 49.1 99.3 99.3 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.8 ωE 7801 96.4 98.7 99.1 99.1 99.4 94.4 99.4 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 100.0 5.61 96.4 36.8 99.2 99.2 99.6 99.6 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.6 υĒ 4201 46.4 99.2 99.2 99.6 94.6 97.6 99.8 99.9 100.0 90.8 99.9 99.9 99.9 100.0 100.0 100.0 1.E 99.6 99.8 7301 96.4 78.6 99.2 79.2 99.6 99.€ 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 7001 91.4 99.6 9.9 99.2 99.2 99.6 99.9 99.9 99.9 100.0 100.0 98.8 100.0 100.0 99.8 99.9 100.0 100.0 99.6 99.6 51 96.4 99.2 94.6 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 58

TOTAL NEPRER OF OSSERVATIONS:

GLOBAL CLIMATCLOGY BRANCH USAFETAC

PEHCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY $C_{\hat{\mathbf{D}}}S_{\hat{\mathbf{F}}}RVations$

AIR WEATHE	R SERV	ICE/MAC						_		
STATION NU	MBER:	722665	STATION	NAME:	DYESS	AFB TX				ORD: 78
CEILING	•••••	• • • • • • • • • • • • • • • • • • • •	••••••	••••••	• • • • • • •	• • • • • •		STATUTE MIL	• • • • • •	• • • • • • • • • • • • • • • • • • • •
					* *				 ~ -	

				_	••		S AFB TX			PEPIOD OF RECORD: 78-87 Month: Jun Poursilst): 2100-2300								
	IL INS	• • • • • •		•••••		• • • • • •	• • • • • • • • •		BILITY					• • • • • • •		• • • • • • • •	••••••	
	In I	GE	CΕ	GΕ	GE	GE	GΕ	GL	GE	GE	GE	CE GE		GE G		GE	GE	
	E 1		6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	O.	
		_																
			• • • • • • • •	••••										••••		• • • • • • •		
110	CEIL I	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
						-												
GE	200001	64.6	5 5 • S	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85 • 1	85.1	85.1	85.1	
úΕ	180001	84.5	d 5 • Q	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	35.1	85.1	85.1	85.1	85.1	
űΕ	160001	84.6	85.C	85.0	65.1	85.1	85.1	05.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GΕ	140001	54.9	à5.3	85.3	85.4	85.4	85.4	35.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE	120 00 1	86.3	36.9	86.9	87.0	87.0	87.0	87.3	87.C	87.C	87.G	87.0	87.0	87.0	87.0	87.0	87.0	
								• 5		0,		• • • •		•			· · · · -	
66	100001	87.7	d € • 6	88.6	88.7	88.7	66.7	89.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE		87.8	38.7	88.7	88 . 8	88.8	36.0	88.8	88.8	8.8	3.88	89.9	88.8	88.8	88.8	88.8	88.8	
GE		09.7	25.6	90.6	90.7	90.7	90.7	90.7	93.7	90.7	90.7	90.7	90.7	93.7	90.7	93.7	90.7	
6 E		90.0	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.C	91.0	91.0	91.0	91.0	91.0	
				91.3											91.0	91.4	91.4	
űE	62 GD [73.3	91.3	91.03	91.4	91.4	91.4	91.4	91.4	41.4	91.4	91.4	91.4	91.4	41.4	41.4	7144	
ĿΕ	canal	91.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
űE		91.6	92.9	92.3	93.0	93.0	93.0	97.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
G E	42531		95.2	95.2	95.3	95.4	95.8	95.4	65.6	45.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
ĿΕ		54 1	75.9	95.9	96.0	96.1	96.1	96 .1	96.2	96	96 - 3	96.3	96.3	96.3	96.3	96.3	96.3	
üΕ	30001	94.5	96.9	96.9	97.0	97.1	97.1	7.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GΕ	25 cc l	6 / 5	97.2	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE		95.0	97.7	97.7	97.3	98.C	98.0	95.0	99.1	98.1	98.3	90.3	98.3	98.3	98.3	99.3	98.3	
_		95.0	27.7	97.7	97.8	98.0	98.4	98.3	_	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
UE.			97.9	97.9					95.1									
٥E	15001				98 • 6	98.2	96.2	98.2	98.3	58.3	98.6	99.6	98.6	98.6	98.6	98.6	98.6	
GΕ	15001	9 • 1	78.3	98.3	98.4	98.7	98.7	45.7	98.8	98.8	39.0	99.5	99.0	99.0	99.0	99.3	99.D	
GE	15001	95.1	G 8 . 3	98.6	98 • 8	99.0	99.0	99.3	29.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE		95.7	98.4	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.4	90.4	99.4	99.4	99.4	99.4	99.4	
ùE		95.5	98.4	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
						-												
LΕ		95.2	98.4	98.7	98.9	59.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
υE	6 00 1	95+2	98.8	99.3	99 • 2	59.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
LE	Sant	95.2	78.9	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	190.0	100.0	100.0	100.0	
υE		95.2	78.9	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
68		95.2	98.9	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.9	102.0	100.0	100.0	100.0	160.0	100.0	
υE		95.2	9 6 . 9	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0			100.0	100.0	
														100.0	170.0			
ÜE	: -) [9E . 2	9 E . 9	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.9	101.0	100.0	190.9	100.0	100.0	100.0	
űĘ	51	95.2	38.8	99.1	99.3	99.6	95.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VFRSUS VISIBILITY FROM HOURLY CUSERVATIONS

					ON NAME:	_	-					PERIOD MONTH	: JUN	HOURS	(LST):	ALL	
	IL ING	• • • • • •	• • • • • • • •			• • • • •	••••••		PILITY				• • • • • • •		•••••	• • • • • • •	••••••
F			CE 6	GE 5	GE 4	GE 3	6E 2 1/2	GE	GE 1 1/2	GE	GE 1	GE 3/4	Gε 5/8	GE 1/2	GE 5/16	GE 1/4	GE O
••	• • • • • •		• • • • • • •							• • • • • • • •	• • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	•••••
NO	CETL I	67.6	68.6	68.7	60.7	68.7	6 ÷ • 7	60.7	68.7	68.7	68.7	69.7	68.7	68.7	68.7	68.7	68.7
t, E	200001	75.9	78.1	78.2	78.2	79.2	76.2	79.2	73.2	78.2	78 • 2	78.2	78.2	78.2	78.2	78.2	78.2
ωĚ	180001	77.5	79.2	78.3	78.3	78.3	7 n . 3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
LE	160001	77.0	7 ë • 3	78.3	78 • 3	78.4	76.4	78.4	78.4	78.4	78.4	7P.4	78.4	78.4	78.4	78.4	78.4
GΕ	140001	77.7	78.9	79.3	79.0	79.0	79.5	79.0	79.0	79.C	79.0	79.1	79.1	79.1	79.1	79.1	79.1
⊌€	127.001	79.2	ê C•5	80.5	80.5	80.5	8 C • S	60•€	80.6	83.6	E0.6	87.6	80.6	80.6	80.6	80.6	BC.6
LE	100001	57.9	82.5	32.6	82.6	82.6	82.6	02.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	P 2 • 7
υ£	95.001	al.2	82.8	82.9	82.9	82.9	82.9	83.0	83.8	83.C	83.0	0.88	83.0	83.0	83.0	83.0	83.0
űΕ	E1001		94.7	84.8	84.0	64.9	84.5	84.9	94.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
LE	70.001		35.2	85.3	85.4	£5.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
٥£	00001	£4•0	÷ 5 • 8	85.5	85.9	85.9	85.9	66.3	86.0	86.C	86 • C	86.0	86.0	86.0	86.0	86.0	86.0
SΕ	50 00 1	54.9	5 £ • #	86.9	87.0	67.0	87.5	07.1	87.1	37.1	97.1	87.1	87.1	87.1	87.1	87.1	87.1
úΕ	45.001		- 7.4	a 7 • 5	97.6	87.6	67.L	c7.7	87.7	67.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
UΕ	41 00 1		85.4	89.6	89.6	69.7	59.7	89.5	89.8	89.8	89.8	8.28	89.8	89.8	89.8	89.8	89.8
LΕ	31 501	A 5 . 4	76.7	93.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
ĹΕ	30001	89.9	92.7	92.8	93.0	93.1	93.1	93.1	93.2	93.2	93.2	97.2	93.2	93.2	93.2	93.2	93.2
ÞΕ	25 60 1	91.3	94.1	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
GE	20001		95.6	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
űŁ	18 00 1		95.8	96.3	96.2	96.4	46.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	90.6
GΕ	15001	91.2	96.6	96.8	97.L	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
űĒ.		43.€	97.1	97.4	97.6	97.8	91.6	97.6	97.9	97.0	98.0	9 P . D	98.0	98 • C	98.0	98.0	98.1
C.E	10001	97.5	97.5	97.8	98 - 1	98.3	96.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
i.E.		97.9	77.6	97.9	78.2	98.4	26.5	98.5	98.6	78.6	98 • 7	98.7	98.7	98.7	98.7	98.7	96.7
GE		9 . 9	77.7	98.0	98 • 3	93.6	98.6	99.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
úΕ		97.9	97.8	98.1	98.5	99.4	98.b	98.9	98.9	99.0	99.0	97.0	99.0	99.1	99.1	99.1	99.1
6E		94.0	9.0	98.4	78 • 8	99.1	99.1	40.5	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
ÜĒ	5001	94.C	98.2	98.6	59.1	99.3	99.4	97.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
CE	4.001	44.C	98.2	98.6	99.1	99.4	99.4	99.5	99.6	99.7	99.7	90.8	99.8	99.8	99.8	99.9	99.9
ψE	3601	94.5	5 5. 2	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GΕ	2001	94.0	98.2	98.7	99.1	99.4	94.5	99.6	99.7	99.7	79.8	99.9	99.9	99.9	99.9	100.0	100.6
٥E	1001	94.[75.2	98.7	99.1	99.4	5 5 _• 5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	133.0	100.0
υE	21	94.6	98.2	98.7	99 • 1	99.4	99.5	49.6	99.7	99.7	99.8	99.9	99,9	-		100.0	
• • •					• • • • • • • • •												

TOTAL NUMBER OF CREENVATIONS: 7200

PERCENTAGE EREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87 MONTH: JUL HOURS(LST): DGCD-0260 CEILING VISIBILITY IN STATUTE MILES IN | GE GE FEET | 10 6 G E 5 GΕ GE 1/2 5/16 1/4 ٥ 5/8 VO CEIL | 64.4 36.2 86.2 86.2 86.2 86.2 66.2 89.8 89.4 80.8 89.8 89.3 89.8 89.8 39.8 UE 200001 87.8 5 . e 89.8 89.8 89.8 89.0 8.63 39.8 39.9 95.0 95.3 89.9 93.3 93.3 160001 89.0 89.9 89.9 89.9 69.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 UE 160001 88.1 UE 141031 89.4 HE 120001 90.1 90.0 90.3 98.5 99.3 93.6 90.3 90.0 97.3 90.3 90.0 93.0 90.0 90.0 90.0 97.3 90.3 90.3 90.3 90.3 90.3 90.3 93.3 92.0 92.0 92.5 Œ 100001 91.6 41.9 93.9 93.9 93.4 93.9 93.9 93.9 93.9 93.5 97.9 93.9 93.9 93.9 93.9 03.9 90401 42.5 80571 97.9 70401 94.3 94.6 94.8 95.9 24.8 94.6 94.8 94.6 94.6 94 .F 94.8 94.8 94.8 95.9 94.8 94.8 94.8 35.9 (,E 95.9 95 • 9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 96.3 96.3 96.3 96.3 96.3 96.3 96.3 95.7 96.3 ., E 96.3 96.3 96.3 96.3 96.7 95.3 96.3 96.3 96.7 46.7 76.7 I, E 50001 55+2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 45601 95.6 45601 96.0 35601 96.0 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 äΕ 97.7 97.7 97.7 97.7 97.7 97.7 98.5 98.5 ù E · 6.4 98.4 98.4 98.4 36.4 94.4 98.5 98.5 98.5 99.5 98.5 98.5 99.4 98.4 98.4 90.4 98.4 98.4 98.5 98.5 98.5 98.5 99.5 98.5 98.5 ωE 64.5 98.5 GA.9 7c.7 0.5 25631 55.3 90.9 98.9 94.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 72.5 90.0 2001 94.5 2001 94.5 19001 96.6 99.0 99.1 99.1 99.2 99.7 99.1 99.1 99.2 39.1 99.5 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 uf uc 49.4 99.4 99.4 99.2 15:01 47.0 12:00| 97.0 95.6 59.5 49.6 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 ...E 99.8 49.4 55.7 99.7 99.8 39.9 99.9 99.4 99.9 99.9 99.9 99.9 99.5 99.9 99.4 10601 97.0 45.7 99.7 49.8 99.8 99.8 97.9 99.9 99.9 99.9 99.9 υŧ 79.7 9001 47.0 99.7 99.7 99.7 99.8 99.8 99.9 99.9 90.9 99.9 99.9 99.9 U.S 99.8 99.9 99.9 99.9 99.6 99.9 39.9 99.9 i, r 7001 97.0 99.7 99.9 99.9 25.7 99.7 99.9 99.9 99.5 £ 001 97.0 95.7 99.7 99.7 99.8 39.8 99.8 99.9 99.9 99.4 99.9 99.9 99.9 49.9 99.9 1 431 97. 15.7 99.7 99.7 99.9 99.9 99.9 100.0 100.0 120.6 101.0 100.0 100.0 100.0 130.C 100.0 4001 97.8 7001 97.6 99.7 99.7 74.9 99.9 100.6 100.6 100.0 100.0 100.0 100.0 103.0 100.0 99.7 99.9 100.0 100.0 99.7 99.9 100.0 100.0 ola) +7.0 .(ol 47.5 100.0 45.7 99.7 99.7 44.4 59.9 49.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 44.7 99.7 99.7 99.4 99.9 100.0 100.0 199.0 100.0 100.0 100.0 100.0 71 97.5 55.7 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

GEGRAL CLIMATCEGGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE EPICUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM FOURLY COSERVATIONS

		_	703665									MONTH	OF PEC	ноияѕ	(LST):		co	
	LING	• • • • • •	• • • • • • •	••••	• • • • • •	• • • • • •			cllit				• • • • • • •		• • • • • • •		•••••	•
1 F E	a I ET I	SE 17	ue e	GE S		;		C t	Gr 1 1/2	GE 1 1/4	G E 1	ri E. ₹/4	GE 578	6E 1/2	GE 5/16	GE 1/4	CF G	
• • •	• • • • • •	• • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•
4.0	C:IL	73.6	v 1 • 3	83.0	82.3	82.3	a3	#2.3	32.3	52.3	82.3	a:.3	92.3	82 • 3	82.3	82.5	a 2 . 3	
1,4	200001	14.E	-6.3	86.0	87.4	e 7 • C	n7.0	67.0	87.6	57.C	97.€	87.0	87.0	87.0	87.0	87.0	97.0	
ωŁ	130001	.4 . F	5 6 . L	o6.9	87.u	87.0	21.0	87.5	87.C	87.0	87 . G	87.0	87.0	87.0	87.0	a7.0	97.0	
i.E	167601	54.5	- 6 • C	86.9	97.5	87.6	67.3	87.0	87.C	87.0	87.0	87.0	87.0	87.0	67.0	67.0	P7.3	
. F	145601	84.7	- 5.2	07.1	87.2	57.2	51.4	07.2	67.2	07.2	87.2	87.2	37.2	87.2	87.2	87.2	67.2	
5	12,001	57.0	99.5	39.4	89.5	89.5	95.5	60.5	54.5	89.5	44.5	89.5	89.5	89.5	89.5	69.5	89.5	
	155571		75.6	91.5	91.6	91.6	91.6	41.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
	97.631		71.4	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	47.4	92.4	92.4	92.4	92.4	92.4	
	erdal		5 3 4	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	04.4	94.4	94.4	
	7/ 151		3.9	94.7	94.6	94.5	94.0	94.6	94.8	94.8	94.8	94.5	94.8	94.8	94.8	94.8	94.8	
υŁ			. 4 . 5	95.5	45.6	95.6	45.6	95.6	95.6	45.6	95.€	9° .6	95.6	95.6	95.6	95.6	95.6	
												_						
	51 001		4.5	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
1. 🕹	45.001		45.5	96.3	96.5	56.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
iid.	40.001		95.9	96 • 4	96 • 9	96.9	96.9	96.9	30.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
L.€	35 30 L 30 30 L		5 <u>5 .</u> 9	95.19	96 • 5	96.9	96.9	96.9 98.2	96.9 98.2	96.9 99.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
., L	3.0.1	74.7	97.0	98.4	98.2	99.2	90.2	9	78+2	93.2	98.2	9P.2	98.2	98.2	98.2	98.2	98.2	
ωE	25 551	÷ . 1	31.2	98.3	96.4	98.4	96.4	98.4	99.4	98.4	98.4	99.4	98.4	98.4	98.4	98.4	96.4	
19\$	20,001		57.7	99.0	98.9	58.9	96.9	95.9	98.9	98.9	98.9	90.9	98.9	98.9	98.9	98.9	98.9	
J.C	16 00 i		: 7. 7	98.5	98.9	99.9	96.9	98.49	98.9	98.9	98.9	94.9	98.9	98.9	98.9	98.9	98.9	
GE	15671		9 8 • 4	99.5	99.6	99.6	74.6	99 .€	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GΕ	10001	46.1	¥ 8 • 5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
ωE	10001	95.1	7ê.7	99.6	99.9	99.9	95.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
UΕ	9:501	96.1	93.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	160.0	100.3	
51		96.1	95.7	99.6	150.0	160.0	100.0	100.0	103.0	160.C	100.0	107.7	100.0	100.0	100.0	100.0	100.0	
(, !		76.1	2 : 4 7	49.5	100.0	100.0	135.6	150.0	130.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ijξ	6221	4h.1	10.7	49.8	100.3	107.0	156.0	107.0	103.0	100.0	100.C	100.0	130.0	100.0	170.0	100.0	100.0	
£.E	1019	56.1	. 5. 7	99.5	100.0	100.0	1	160.3	100.0	100.0	100.0	100.0	100.0	133.0	170.0	140.0	100.0	
u.ŧ		56.1	. 5. 7	99.8	100.0	100.0	150.5	160.3	100.6	107 • 0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	
18	7 CT	96.1	18.7	99.0	150.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	
1.1		51.1	7	49.0	100.0	100.0	100.0	150.5	100.6	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	
·÷	1071	46.1	. 4.7	99.3	105.0	167.0	185.6	100.5	100.€	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	
. !	- 1	95.1	93.7	99.0	100.0	180.5	100.0	100.5	175.0	130 • €	170.0	100.0	100.0	100.0	100.0	100.0	100.C	

AIR WEATHER SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH PENCENTALF FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFF TX PERIOD OF RECOPD: 78-87 MONTH: JUL HOURS(LST): 0600-0800 ********************************** VISIBILITY IN STATUTE MILES CEILING. GE GE GE 4 3 2 1/2 GE GE C E Œ SE GE GE GE 2 1 1/2 1 1/4 1 GE 3/4 1/2 79.5 79.8 50 CEIL 1 75.7 70.9 79.4 79.0 79.0 79.5 79.8 79.8 79.9 79.8 79.8 79.8 94.3 8° • 2 0:12 85.4 65.6 85.4 85.6 85.4 65.4 85.6 6E 186001 81.1 84.9 85.4 55.4 85.4 95.4 85.4 85.4 25.4 45.4 a5.6 6E 140001 61.2 34.7 85.2 85.6 45.6 85.6 85.6 P5.6 85.6 85.6 85.6 - 5.3 96.1 96.1 P6.1 96.1 86 - 1 96.1 66.1 66.1 66.1 56.1 E6.1 56 . 1 80.0 91.2 91.2 91.2 91.2 91.2 uE lobual bear 93.5 91.2 91.7 9750| F6.F 8050| 50.F 7560| 89.1 61.5 93.5 91+1 93+1 93+5 91.5 97.5 91.5 93.5 22.5 91.5 91.5 91.5 01.5 91.5 91.5 91.5 91.5 91.5 41.5 93.5 93.5 91.5 93.5 93.5 υĒ 92.6 43.5 93.5 93.5 93.5 93.5 94.0 94.C 94.0 94. C 94.0 94.0 94.0 94.0 92.5 44.5 94.6 94.0 ōΕ -4.2 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 45001 9.48 94.7 95.3 95.8 45.8 95.0 95.8 95.8 95.8 95.8 95.8 95.6 95.8 95.8 95.8 95.6 ЬE 40001 91.5 45.6 96.1 96.6 96.8 90.6 97.0 96.6 96.8 97.0 96.8 96.8 96.5 96 • 8 97 • U 96.8 97.0 96.8 96.8 96.8 91.7 97.0 97.0 97.0 97.C 35 00 | 91.9 31 00 | 91.9 97.0 97.0 97.0 97.0 97.0 .↓£ 75.0 96.3 97.5 97.5 97.5 97.5 96.3 96.9 97.5 97.5 SE 98.0 98.7 98.7 98.7 Ģξ 20001 91.3 77.4 98.7 99.7 46.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.5 98.7 98.7 98.7 98.7 uΕ 18001 53.3 77.4 98.7 40.7 9P.7 48.7 98.7 99.7 98.7 99.1 91.0 98.4 99.1 96.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 úΕ 99.1 99.4 99.4 99.4 GΕ 98.5 22.2 99.4 10001 97.F 78.1 90.4 99.6 49.6 99.7 99.7 99.7 9001 97.8 6.01 97.8 7001 97.8 99.8 99.6 99.7 99.7 99.8 99.8 99.8 99.5 99.5 99.5 99.7 99.8 99.8 99.6 90.1 99.5 SE 99.5 99.7 99.8 10.1 98.6 99.5 49.7 99.8 99.5 14.2 99.8 99.9 79.9 99.9 98.7 99.4 99.8 99.9 99.9 99.9 99.9 99.0 99.6 19.4 ί£ 99.9 99.9 99.9 99.8 5001 57.9 99.2 99.6 55.6 99.8 100.0 100.0 100.0 100.0 100.0 130.0 4001 93.9 3001 93.9 2001 93.9 38.2 98.7 99.6 99.6 99.€ 47.9 49. K 99.8 190.0 137.0 100.u 100.0 100.0 160.0 100.0 99.8 99.8 106.0 99.6 99 . E 100.0 100.0 100.0 100.0 1.€ 78.2 98.7 99.6 97.0 100.0 100.0 98.7 100.0 100.0 99.6 99.8 99.8 100.0 99.6 99.6 100.0 100.0 4000 99. à 100.0 1601 93.6 98.7 99.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 99.6 99.6 99.6 49.2 99.8 99.8 170.0 100.0 100.0 100.0 100.0 100.0

PERCINIAUE PRIULENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 702565 STATION NAME: DYEST AFT TY PERIOD OF RECORD: 78-87
HONTH: JUL HOURS(LST): 0900-1100

		***************************************						MONTH: JUL HOURS(LST): 3930-1180										
	LITTO	• • • • •	• • • • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • • •		141L114				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • •
- 1		1 12	CE	Gr	c.r	C.E.	C.F	56	55	GE	GE	GE	GE	GE	GE	GΕ	GE	
	<u></u>			5	U:		2 1/2			1 1/4	1	3/4	5/8	1/2	5/16	1/4	ه ت	
	-														_			
:.0	CLIL	1 77.	7:09	78.9	15.4	79.4	75.9	76.9	73.9	78.9	78 • 9	78.9	79.9	78.9	78.9	78.9	78.9	
	20000			37.1	£3.1	H3.1	₹3•1	c'.;	83.1	83.1	P3.1	8 7 . 1	83.1	83.1	P3.1	83.1	8 3 • 1	
	16 -			3.2	93.4	63.2	2 و د ا	55.2	43.2	83.2	93.2	83.7	83.2	83.2	93.2	83.2	93.2	
	10			ø3•å	33.2	5 ?	3.00	o 3 • 3	53.2	83.2	83.2	93.2	83.2	83.2	P3.2	83.2	93.2	
	145 60			o 4	84 • J	F4 . C	7 H +	34 + -	84.C	84.0	84.3	64.0	84.0	94.0	94.0	84.0	44 . C	
u.f	121 46	1 :4.	: -6.2	86.2	8t • 2	r6.€	≎ t • ¿'	56.0	€5.2	86.2	66.2	86.2	86.2	86.2	A6.2	86.2	86.2	
r	ionud		-5.1	£9.2	85.4	67.4	99.4	61.4	97.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
uE.						97.4 97.3			92.3	93.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
ÜĖ		e7.4 ss.		90.2 91.5	93.3 91.6	91.6	94.03	77.3	71.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
C.E	7020			92.4	91.0	57.5	9	97.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
G.E	5763			92.9	92.9	62.9	9 . 9	9.0	92.5	92.9	92.9	97.9	92.9	92.9	92.9	92.9	92.9	
.20	· · · · ·		,,,,,	* * * * *	,,,,			, · •		, , ,	,	,, •,	,,,,	, , ,				
: - <u>E</u>	ยกนะ	1 -1.	3 94.3	94.3	94.4	94.4	74.4	94.4	94.4	94.4	24.4	94.4	94.4	94.4	94.4	94.4	94.4	
υE		9		94.7	54.5	94.5	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.5	
3 €	4105			45.05	95.7	95.7	95.7	95.7	95.7	45.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
ωŁ	35.00	92.	95.5	96	96.2	96	16.2	96.0	96.2	96 • 2	96.2	96.3	96.2	96.2	96.2	96.2	96.2	
υĹ	30 d 3	1 42.0	76.5	96.0	٥٠٠٥	96.0	មដ∌ត់	45.0	96.6	96.8	96.6	96.A	96.8	96.8	96.8	96.8	96.8	
ابن		9:0		97.4	97.0	9 . 6	71.L	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
υĒ		94.		98.5	76 . T	98.7	90.0	9 - • •	49.0	99.5	99.0	99.5	99.0	99.3	99.3	99.0	99.0	
₽E	1600			98.0	76 . c	98 • 8	98.9	98.9	99.1	99.1	69.1	99.1	99.1	99.1	99.1	99.1	99.1	
ĢΕ		1 65.		98.9	99 . 1	99.1	44.	49.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
∍£.	1744	1 95.6	+ 26.47	99.2	06.2	40.5	97.6	39.6	99.8	99.A	99.8	99.8	99.8	99.9	99.8	99.8	99.8	
	, ~	95.0		2.0	00 r				99.8	49.a	99.6	90.8	99.8	99.8	99.6	99.8	99.8	
ij£ ijĒ		95.0		99.L	99.5	99.5	99.65 96.65	95.6 99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.6	99.0	
i.F		95.4		99.2	99.5	99.5	4.4.6	99.6	99.8	99.9	99.5	90.5	99.8	99.8	99.0	99.8	99.8	
T. E		95.1		99.	99.5	93.6	99.7	99.7	99.9	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	
υĒ		45.4		99.2	69.5	39.6	99.7	99.7	99.9	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	
				,,,,,						•	. •				. •			
iJE.	F ;~ [94,04		90.2	99.5	99.7	99.3	99.3	190.0	160.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ı i.		45.4		99	99.5	99.7	99.0	99.6	133.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	
ı.f		95.4		39.2	99.5	49.7	99.6	99.9	10a.c	100.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ť.	- 500	165.4	7	99.2	94.5	59.7	is to a th	49.5	100.0	100 - 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1.7	100	· ÷ . 7	99.	99.5	99.7	4. W .E	29.5	100.0	100.0	100+0	100.0	100.0	100.0	170.0	100.0	100.0	
υE	-1		+ 3.7	99	34.5	97.7	" " · c	A.) * d	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	

PERCENTAGE FRECUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX

PERIOD OF RECORD: 78-87 MONTH: JUL HOURS (LST): 1200-1400 VISIBILITY IN STATUTE MILES DALLES 3 5 115 QE CE CE GE GE 11/4 IN | GE FEET | 10 GF. 6 GE S GΕ GΕ GE GE GΕ 4 1/4 1 3/4 5/8 1/2 5/16 n 76.2 40 CEIL | 74.9 76.2 76.2 75.2 76.2 76.2 76.2 76.2 76.2 76.2 76.2 76.2 76.2 76.2 76.2 UE 200001 c1.4 a 3. C 83.0 83.0 83.0 a 3 . . . 83.5 63.C 53.0 87.D 83.0 83.0 83.0 83.0 83.0 83.0 93.1 GE 180001 81.5 GE 160001 81.5 83.1 93.1 83.1 83.1 07.1 83.1 93.1 87.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 93.1 63.1 83.1 83.1 83.1 83.1 GE 14700| 62.9 GE 12700| 63.9 94.6 84.6 84.6 64.6 84 . 6 84.t 44.6 64 . E 64.6 84.6 84.6 84.6 94.6 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 5 S . 7 P5 . 7 GE 10/1001 F6.5 38.6 88.6 88.6 88.6 88.6 88.6 68.6 88.4 88.6 56.6 88.6 83.6 68.6 88.6 88.6 69.8 90.3 SE 9000] 66.7 86.6 88.6 88.0 89.5 86.6 85.9 98.8 88.8 98.8 88.8 8 . 8 9 8.93 88.8 86.8 (¿E 80001 68.2 90.3 90.3 90.3 90.3 96.3 90.7 90.3 70.3 90.3 90.3 90.3 90.3 90.3 90.3 70001 89.9 67001 89.6 ωE 21.1 91.1 91.1 91.1 9:.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 01.1 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 5/001 51.0 97.7 5E 6E . 3. 7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 45.00 91.6 40.00 97.0 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 04.3 94.3 95.8 94.3 95.8 94.3 94.3 94.3 94.3 95.8 ξĘ 15.3 95.8 75.0 95.8 95.8 95.8 95.8 95.8 95.6 35 601 64.3 97.1 97.1 97.1 97.1 97.1 üΕ 27.1 97.1 27.1 97.1 97.1 y7.1 97.1 97.1 97.1 97.1 7 P. 6 30001 95.5 96.6 90.0 98.6 98.6 98.6 98.6 98.6 6E 38.6 98.6 99.6 . 3. 0 25 001 95.2 49.4 99.4 99.4 99.4 46.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 99.7 99.6 2000| 96.3 1800| 96.7 1903| 96.3 ĠĒ 99.5 49.5 99.5 99.5 49.5 99.5 99.6 99.6 99.6 99.6 99.7 99.6 99.6 99.7 99.6 üΕ 99.5 99.5 99.6 99.6 99.6 97.6 99.7 99.7 99.7 99.7 99.8 35.5 99.6 49.7 99.8 99.7 99.9 99.8 99.8 i.E 99.5 99.7 99.9 9 . . . 99.8 99.8 59.7 94.7 99.8 99.8 99.8 9.60 11.31 96.3 73.5 99.6 99.8 GŁ. 99.8 11001 96.3 99.5 99.6 59.7 99.7 99.B 75.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 44.8 9:01 9:3 #upl 96:3 7001 96:1 100.0 99.0 99.6 99.9 59.9 95.9 99.9 ٥ŧ 49.6 130.0 100.0 170.5 100.0 100.0 100.0 100.6 100.0 100.5 100.5 .. f 35.€ 99.6 99.8 93.4 103.0 100.C 100.0 100.0 100.0 100.0 130.0 95.9 99.6 99.8 99.9 99.0 100.0 5.E 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.9 100.0 79.0 99.6 100.0 100.0 160.0 99.6 99.6 95.6 47.9 59.9 99.5 100.0 100.0 100.0 10 3 ⋅ 0 100.0 100.0 100.0 100.0 100.0 99.5 4.01 94.3 41.6 99.6 49.4 99.9 99.9 100.0 100.0 100.0 101.0 100.0 100.0 100.0 100.0 99.8 100.0 39.5 99.9 100.0 100.0 100.0 100 · C 100.0 100.0 100.0 99.9 99.4 100.C 170.0 100.0 2661 4003 35.6 99.5 99.6 6,4,4 101.0 100.0 100.0 100.0 99.0 ×9 . 1 1.01 9:2 7700 39.0 97.9 55.5 100.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 99.€ 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECOPD: 78-87 MONTH: JUL HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES CEILING IN 1 GE FEET | 10 30 GE GE 3 2 1/2 CF 6 6 E 5 GE 4 GE GŁ Gε 5/8 GE 1/4 G€ O 2 1 1/2 1 1/4 1 1/2 5/16 3/4 74.7 NO CEIL | 73.2 74.3 74.3 74 - 3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 GE 200001 82.7 34.0 84.3 84.0 84.0 84.C 84.0 84.C 84.C 84 • C 84.0 84.0 84.0 94.0 84.0 84.0 GE 180001 82.7 84.0 84.0 84.0 84.5 84.0 84.0 84.0 84.C 84.C 94.0 84.3 84.0 84.0 84.0 84.0 84.0 CE 160601 82.7 84.0 84.0 84.0 84.0 34.0 84.C c 4 • C 84.C 84.0 84.0 84.0 64.E 65.7 84.8 84.8 GE 140001 83.5 GE 120001 84.4 84.8 64.8 94.6 84.8 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 25.7 85.7 85.7 85.7 85.7 85.7 90.8 95.8 90.9 90.8 3.58 | NO 201 33 96.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90001 88.7 92.9 93.9 90.9 90.9 96.9 90.9 92.8 93.9 92.8 90.9 97.9 90.9 90.9 90.9 90.9 90.9 92.8 92.8 92.8 92.8 92.8 92.8 80001 90.6 92.8 92.8 92.8 ú€ 92.8 7000| 91.2 6000| 92.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 GE GE 93.3 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 GE 5000 93.5 4500 93.5 4000 94.8 95.8 95.8 95.8 95.8 95.0 95.8 95.a 95.8 95.8 95.8 95.3 95.8 95.8 95.8 95.8 95.9 95.9 95.9 95.9 95.9 95.9 95.9 9c.9 97.4 95.9 97.4 95.9 97.4 95.9 95.9 95.9 ωE 95.9 75.9 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 GΕ 97.4 3500| 95.4 3000| 95.9 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.8 GE 98.6 98.9 98.9 4 H . Q 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.0 99.0 99.1 99.1 99.2 99.2 ĠΕ 25001 96.1 99.0 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 2000| 96.1 18.0| 96.1 99.1 99.1 99.1 99.2 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 u.E 49.5 99.5 99.5 GE 95.1 99.1 99.1 99.2 29.2 90.5 99.5 99.5 99.4 15001 96.1 95.2 99.2 99.2 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.5 SE 99.5 99.7 99.7 99.7 99.7 10001 96.1 99.7 99.7 99.7 99.7 99.7 99.6 99.5 99.5 99.6 99.8 99.8 6E 10001 96.1 55.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.6 99.6 99.8 99.8 99.8 99.8 99.8 9001 96.1 99.5 99.5 99.8 99.8 79.5 99.8 79.8 CE Publ 96.1 95.5 99.5 99.5 99.6 99.6 99.9 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.R GE 7001 96.1 95.5 99.5 49.5 49.6 99.6 99.3 99.8 99.8 99.6 99.8 99.8 99.8 99.8 99.8 99.8 £ JG | 96.1 99.6 99.6 99.8 99.8 99.8 99.8 99.8 1,€ 99.8 1001 96.1 99.6 99.6 99.8 99.9 99.5 99.5 99.5 99.9 99.9 99.9 99.9 99.9 99.9 6 L 99.7 99.9 99.6 99.6 49.8 99.9 4201 94.1 99.5 99.5 99.9 99.9 99.9 99.9 99.9 99.9 υE 7501 96.1 99.5 99.5 99.5 99.6 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 2001 96.1 99.5 99.5 99.6 99.6 Ŀ٤ 99.5 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 1001 96.1 99.5 99.6 100.0 99.9 100.0 ĴΕ 99.8 99.9 ' 01 96.1 95.5 99.9 99.9 100.0 100.0 100.0 ωE 99.9

GLOBAL CLIMATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS ALR WEATHER SERVICE/MAC

3.2.7.2.7.2.7.2.7.2.7.7.7.7.7.7.7.7.7.7.																	
STAT	ION N	UMBER:	722665	STATI	ON NAME	: DYES	S AFP T	x				PERIOD	OF REC	ORD: 78	-87		
												MONTH	: JUL	HOURS	(LST):	1800-20	CC
	• • • • •				• • • • • •												• • • • • • • • • • • •
CEIL										IN STAT							
IN		SE	C.E.	GΕ	GΕ	GΕ	٥ć	ն <u>է</u>	GE	G€	GE	GE		GE	GE	GE	GE
FEE		10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
••••	• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••
40 C	EIL 1	79.C	4 E • 1	80.2	80.2	83.2	86.2	60.2	80.2	83.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
/-E >	וכשחנ	H H O	96.0	90.1	90.1	90.1	96.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	96.1
	80 CO 1	-	9 C • C	90.1	90.1	90.1	96.1	90 • 1	91.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	60001		95.1	90.2	90.2	90.2	95.2	90.2	93.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
	40001		71.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
			92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5			92.5	92.5
66 1	20 00 1	71.3	72.4	92.0	92.5	45.0	45.0	72.3	72.5	45.0	92.5	72.5	72.5	92.5	92.5	7243	42.5
GF 16	00 001	53.7	95.1	95.2	95 • 2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	95031		95.5	95.6	95 • 6	95.6	95.00	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	80381		76.1	96.2	96.2	96.2	96.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
	70001		76.9	97.0	97 • G	97.C	97.6	97.0	97.0	97.0	97.D	97.3	97.0	97.0	97.0	97.0	97.0
	60001		97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
00	02711	70.0		7/11	71 • 1	,,,,	, , , ,	,,,,,	,,,,,	****	,,,,	7161	7101	,,,,	,,,,,	7101	7101
GE !	5nept	96.3	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.1	98.1	98.1	98.1	98.1	98.1
	45001		98.2	98.3	98.5	98.3	98.3	98.	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	40 00 1		28.9	99.3	99.1	99.1	99.1	97.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	35 La		25.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	79.4	99.4	99.4	99.4
	30001		15.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	,				• •	,,,,	, , , , ,										
GE :	10325	98.0	99.6	99.7	99.9	99.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
υĒ .	16005	98.1	75.7	99.8	100.0	100.0	136.6	100.0	133.0	100 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE :	18001	94.1	95.7	5.66	100.0	100.0	106.0	150.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE :	istai	98.1	95.7	99.8	100.0	100.C	100.0	100.0	100.0	1an• :	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	12 00 1		23.7	99.8	100.0	100.0	106.0	100.0	100.0		100.0		100.0				100.0
	•				-						_	•		•		-	
LF 3	10001	98.1	95.7	99.8	100.0	100.0	100.6	100.0	100.0	100 • C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĿΕ	9031	98.1	79.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE	8001	90.1	95.7	99.8	100.0	100.0	100.5	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	7401	98.1	95.7	99.8	:sa.c	100.0	136.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	£ 001	58.1	95.7	99.8	100.0	100.0	100.0	107.0	100.0		100.0	100.0	100.0	100.0	100.0	130.0	106.0
								-									
CE	5001	58.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0		100.8	100.0	103.0	100.0	100.0	100.0
6 E		98.1	25.7	99.8	100.0	160.6		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٥E		98.1	95.7	99.8	100.0	100.0		100.0	100.C	100 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.3
GE	2 001	99.1	95.7	99.8	130.0	100.0	156.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
ijΕ	1031	43.1	99.7	99.8	130.0	100.6	100.0	100.0	123.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		_												_			
GE		98.1					106.6										

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 78-87 MONTH: JUL HOURS(LST): 2100-23CO VISIBILITY IN STATUTE MILES CEILING IN | 6E FEET | 10 6ε 5 GF 4 GE GF 3 2 1/2 CE GE G.E. GE GE G.F GE GΕ GF G.F. GΕ 2 1 1/2 1 1/4 1 5/8 1/2 1/4 a 6 3/4 5/16 € 7 • C 87.0 NO CEIL 1 a5.3 87.0 87.0 87.C 87.0 87.0 87.C 87.0 97.C 87.C 87.0 87.3 87.0 93.2 6E 200001 91.5 6E 187001 91.5 93.2 GE 160001 91.6 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.7 93.7 93.7 GE 145 CO | 91.9 93.7 93.7 93.7 93.7 93.7 93.7 03.7 93.7 93.7 93.7 93.7 93.7 94.7 94.7 GE 120001 93.0 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 GE 100001 94.3 96.0 96.0 96.0 96.6 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.7 96 . 7 96.7 96.7 96.7 96.7 95.7 GΕ 90001 94.9 76.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 GE 80001 95.5 77.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 ьF 70001 95.7 60001 96.1 97.4 97.4 97.4 97.4 97.4 97.8 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 GŁ 98.3 5000| 96.6 4500| 96.7 98.3 98.3 98.3 99.3 CE 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.4 6E 76.4 98 . 4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 99.1 GE 40.001 97.3 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GE GE 35 cg | 97.5 30 CG | 97.5 25.5 99.5 99.5 99.5 99.5 49.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 25001 97.5 95.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 100.7 100.0 100.0 100.6 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 GE 20001 97.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 18 001 97.5 136.5 100.0 100.0 100.0 100.0 100.C 150.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 6.F 15001 97.5 1.30.0 100.0 160.0 160.0 100.0 100.0 100.0 100.0 100-0 100.0 160.0 12001 97.5 100.0 100.0 130.0 100.0 109.0 100.0 100.0 100.0 ÚΕ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 SE 10001 97.5 100.0 100.0 100.0 100.0 130.0 100.0 100.0 10 n - c 100.0 100.0 100.0 9001 97.5 100.0 100 · C 100.0 100.0 100.0 GE 160.0 100.6 100.0 100.0 100.0 100.6 100 . C 103.0 193.0 100.0 8001 97.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 7001 97.5 100.0 100.0 100.0 100.0 101.0 100.0 100.C 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.C 100.0 160.0 100.0 100.0 100.0 5001 97.5 100.0 100.0 100.0 100.0 úE 100.0 100.0 160.0 106.3 130.0 100.C 100.0 100.0 100.0 100.0 4001 97.5 170.0 100.6 100.0 100.6 100.0 100.0 100.0 100.C 100.6 100.0 100.0 100.0 100.0 100.0 100.0 GE 106.0 100.0 GE 3601 97.5 100.0 100.0 100.0 100.0 130.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 CE 2001 97.5 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 120.0 100.0 100.0 100.0 100.3 100.0 100.0 71 97.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

		-		_			S AFB TO					MONTH	OF REC	HOURS	(LST):	ALL	
	LING		• • • • • •	• • • • • • •		• • • • • •	•••••		FILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
	IN I	GE .	CE	GE	GE	GΕ	GE	GŁ	GE	GE	GE	3.0	3.0	GE	GE	GE	GE _
	ET	10	6	5			2 1/2	: 	1 1/2		1	3/4	5/8	1/2	5/16	1/4	
• • •										• • • • • • •	• • • • • • • • • • • • • • • • • • • •						
№0	CEIL	78.7	96.4	9.08	8J.6	80.6	60.6	as.6	80.6	89.6	80.6	87.6	80.6	80.6	80.6	80.6	80.6
GE	200001	54.9	st.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
υE	100001	84.9	5 E . 7	86.7	87.0	d7.0	57.0	07.0	37.C	87.0	87.C	87.0	87.0	87.0	87.0	87.0	87.0
GE	160001	â5.0	8 t. 8	87.3	87.1	87.1	87.1	87.1	a7.1	87.1	A7.1	87.1	87.1	87.1	87.1	87.1	87.1
ĿE	140001	85.7	97.5	87.7	87.8	87.8	97.8	97.8	87.8	87.9	87.8	87.5	87.8	87.8	87.8	87.8	87.8
GΕ	12500	67.2	39.0	89.2	89.3	89.3	84.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
٥E	100001	89.6	91.8	92.0	92 • 1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
űΕ	90001		72.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	10008		93.7	93.9	94.0	94.0	94.5	94.3	94.C	94.C	94.0	94.0	94.0	94.0	94.0	94.0	94.0
SΕ	7000	92.0	94.3	94.5	94 . 6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	60.001		54.9	95.;	95.2	95.2	45.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GΕ	scapi	93.4	95.8	96.0	96.1	96.1	96.1	96.1	90.1	96 • 1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GΕ	45,001	93.7	96.1	96.4	96.5	96.5	16.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
üΕ	40001	94.5	97.0	97.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	35 00 1	94.9	97.4	97.7	97.8	97.8	97.8	97.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GΕ	30001	95.3	9 8 • C	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.5	98.5	98.5	98.5	98.5	98.5
υE	25 00 1	95.6	98.4	98.6	98.8	98.6	98.8	3.89	98.8	98.8	3 . RP	98.8	98.8	98.8	98.8	98.8	98.8
UΕ	20 00 1	95.0	98.6	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	18 00	96.0	98.8	99.1	99.3	99.5	95.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
6E	15 001	96.3	95.1	97.4	99.5	99.6	44.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ	12001	96.3	99.2	99.4	99.6	99.7	99.7	99.7	99•8	99.9	99.8	90.8	99.8	99.8	99.8	99.8	99.8
υE	10001	96.3	55.2	99.5	99.7	99.7	39.7	99.F	99.8	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
υE		96.3	99.2	99.5	99.7	59.8	99.8	99.8	94.9	99.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9
G€	8 00 1	96.3	95.2	99.5	99.7	59.8	99.₺	99.9	99.9	99.9	99.9	97.9	99.9	99.9	99.9	99,9	49.9
υE		96.3	34.2	99.5	99.7	99.8	99.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
SE	6001	95.3	95.2	99.5	99.7	99.8	99.8	90.9	49.5	99.9	99.9	99.9	99.4	99.9	99.9	99.9	99.9
υĒ	5001	96.3	35.2	99.5	99.7	99.8	99.8	99.9	133.0	100.0	100.0	100.0	100.0	100.0	100.0	163.0	100.0
υE		96.3	75.2	99.5	99.7	99.8	99.8	99.9	100.0	100.0	170.0	100.0	100.0	130.0	100.0	100.0	100.0
ί£		96.3	99.2	99.5	99 • 7	99.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υF		96.7	55.2	99.5	99.7	99.8	99.8	99.9	103.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6£	1 00 1	96.3	99.2	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	-	96.3	95.2	99.5	99.7	99.8	99.8		-			100.0			-		100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87

ST	ITION I	NUMBEP:	72 266 5	STATI	ON NAME:	DYES	SS AFR TX) OF REC 4: AUG		1-87 5(LST):	0000-03	. 00
																	• • • • • • • • • • •
	LING								RILITY			. E S					
		CE	CE	GΕ	GF	GE	GE	ĢΕ	GE	GE	GE	e E	GE	GΕ	GĒ	GE	GE
		1.0	t	5	4		2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	٥
•••	• • • • • •		• • • • • • •	• • • • • •	• • • • • • • •	• • • • •		• • • • • •	• • • • • • • •	• • • • • • •			• • • • • •		•••••		••••••
NO	CEIL	77.2	78.4	78.4	78.4	78.4	78.4	18.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
G.F	20000	1 45.3	96.5	86.5	96 • 5	86.5	36.5	36.5	86.5	86.5	96.5	86.5	86.5	86.5	86.5	86.5	86.5
	18000		86.5	86.5	86 . S	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	16000		86.6	86.6	86.6	86.6	56.6	46.6	86.6	86.6	86 . 6	86.6	86.6	86.6	86.6	86.6	86.6
	14000		36.7	86.7	86.7	86.7	86.7	86.7	36.7	66.7	86.7	86.7	86.7	86.7	86.7	66.7	86.7
	12000		88.6	88.6	88.6	68.6	a 6 . 6	86.6	38.6	88.6	88.6	88.6	88.6	88 • 6	88.6	88.6	88.6
GE	10000	1 90.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
66		57.1	92.4	92.4	92.4	97.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
υE		91.7	93.2	93.2	93.2	93.2	93.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
ű.E		91.2	91.5	93.5	93.5	93.5	93.5	¥3.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
68		71.6	94.2	94.2	94 . 2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	50.001	42.6	25.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE		93.7	96.C	96.0	96.0	96.0	90.0	96.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE		94.6	97.6	97.0	97.3	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE		94.5	57.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
ÚΕ		95.4	98.0	98.3	96.0	99.0	98.0	98.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	25 201	95.4	99.0	98.0	98.J	98.D	98.0	98.3	98.1	98.1	98.1	99.1	98.1	98.1	98.1	98.1	98.1
SE		95.4	96.0	98.0	98.0	98.D	98.0	98.5	98.1	98.1	98.1	98.1	98.1	98.1	98 • 1	98.1	98.1
ÚΕ		95.4	? € • C	98.0	98 • 0	98.0	98.0	99.0	98.1	98.1	98.i	98.i	98.1	98.1	98.1	98.1	98.1
üΕ		95.9	98.7	98.5	98 . 8	98.8	98.0	90.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
SE		96.1	99.1	99.2	99.2	99.2	94.2	99.2	79.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	10001	96.1	99.2	99.4	99.4	99.4	99.4	99.4	39.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		95.1	29.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
LE		95.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		95.1	99.7	99.8	99.8	99.8	3.00	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
υĒ		96.1	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100 · C	100.C	100.0	100.0	100.0	100.0	100.0	100.0
6 E	5 00 (96.1	75.8	99.9	99.9	99.9	94.9	79.9	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.C
GE		96.1	95.8	99.9	99.9	99.9	99.9	44.7	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0
GE.		96.1	75.8	99.9	99.9	49.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
υE		95.1	95.8	99.9	99.9	99.9	99.9	99.9	100.0	100 · C	100.0		100.0	100.0	100.0	100.0	100.0
úΕ		56.1	9 5 . 8	99.9	99.9	99.9	95.5		120.0			100.0		100.0	100.0		
6E	0.1	96.1	95.8	99.9	99.9	97.9	99.9	99.9	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTABLE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION N	UMBER:	722665	STATI	OR NAME:	. 046 9	S AFR TX						OF PEC		-87 (LST):	n tn n-n s	nn
					• • • • • •			• • • • •									
	LING							VIS	BILITY	IN STAT	CTE MIL	E \$					
1		0.E	CE	Ģξ	GE	GΕ	CF	C E	GE	GE	G E	GΕ	GE	GE	GE	GΕ	GE
FE		1 ~	£	5	4		2 1/C		1 1/2		1	3/4	5/8	1/2	5/16	1/4	D.
• • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •	• • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO	CEILI	76.7	76.2	78.6	7ê.6	73.6	76.6	78.6	76.6	78.6	78 • 6	75.6	78.6	78.6	78.6	78.6	78.6
GΕ	Laucas	6 ? • 2	95.7	86.1	86.1	86.1	86.1	46.1	86.1	86.1	86 • 1	86.1	86.1	86.1	86.1	86.1	86.1
GΕ	10001	F3.2	F5.7	86.1	86.1	86.1	e € • 1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
υE	160001	63.2	85.7	86.1	86.1	86.1	86.1	66.1	96.1	86.1	86 - 1	86.1	86.1	86.1	86.1	86.1	86.1
υE	140001	a3.4	85.9	86.3	86.3	86.3	96.3	86.3	86.3	86.3	P6.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	150001	65.7	8 6.2	88.6	á£.b	88.6	₩8.6	69 . E	38.6	88.6	88.6	89.6	88.5	88.6	88.6	88.6	68.6
C.E	100001	87.C	96.0	91.4	90.4	90.4	96.4	90.4	93.4	93.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	90 001		→ C • D	90.4	90 . 4	90.4	9 0 • 4	90.4	93.4	90.4	90.4	98.4	90.4	90.4	90.4	90.4	90.4
LE	80001		75.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
G.E	70001		+1.7	92.2	92.2	52.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	60001	87.6	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92 • 7	92.7	92.7	92.7	92.7	92.7	92.7
LE	50001	90.6	23.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GΕ	45.001	92.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	44.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
ЬĒ	40001		9 ú • 3	96.8	96.5	96.8	96.6	96.8	96.8	96.8	96.6	96.8	96.8	96.8	96.8	96.8	96.8
υE	35 00 1	93.3	17.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
₽£	30 ng (93.5	97.2	97.7	91.7	97.7	91.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
υE	25 co 1	93.5	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	znaol		97.4	99.	98.0	98.0	90.0	99.0	98.0	98.C	98 • 0	98.0	98.0	98.0	98.0	98.0	98.0
űÉ	18001		97.4	98.J	98.0	93.0	98.5	98.0	98.C	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
G.E	15001		97.8	98.4	98.4	98.4	96.4	48.4	98.4	48.4	98.4	98.4	98.4	98.4	98.4	98.4	08.4
٥E	12001	94.3	98.3	98.6	95.8	99.8	90.0	98.8	98.8	98.8	98 • 8	98.8	98.8	98.8	98.8	98.8	98.8
υE	10001	94.5	.8.5	99.0	99.1	99.1	75.1	99.1	99.1	99.1	99 • 1	99.1	99.1	99.1	99.1	99.1	99.1
υŁ	9001	94.5	98.7	99.2	99.4	99.4	55.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	F 00 1	94.5	78.9	99.5	99.6	99.1	99.6	90.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
Ŀί		94.5	78.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
CE	echi	94.5	9 = 6 9	99.5	99.7	93.7	45.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
38	5001	94.5	9.8	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE		94.5	99.9	99.5	99.8	99.9	95.9	99.9	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ģ€		94.5	78.9	99.5	99.8	99.9	44.9	99.9	100.0	100 • C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∍ ŧ	2001		98.9	99.5	59.4	99.9	99.9	30.4	100.0	103.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(,E	1 451	94.S	48.9	99.5	99 • 8	99.9	69.9	43.3	133.0	100.0	100.6	100.0	100.0	100.0	100.0	160.0	100.0
6€	15	94.5	79.9	99.5	99.8	99.9			130.0								100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: BYESS AFR IX

STATION NUMBER	72 266 5	STATI	ON NAME:	DYES	S AFR TX					PERIOD	OF REC	ORD: 78	-87		
										HONTH	1: AUG	HOURS	(LST):	0600-08	CD
	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	· · · · · · · · ·						• • • • • •			• • • • • •	•••••
CEILING							RILITY					_			
IN 1 5E	ŒE	GE	G€	GE_	GF	ច្	GE	GE	GE	66	GE	GΕ	GΕ	GΕ	GE _
FEET 10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	* • • • • • •	• • • • • • •	•••••
40 CEIL 69.9	72.6	72.7	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
SE 200001 75.8	78.6	78.7	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
ue 180001 75.9	78.7	78.6	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 16 1001 76.1	7 à • 9	79.∪	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 143601 77.0	75.8	79.9	80.3	83.3	€0.4	60.5	მ 0 ∙ 5	80.5	90.5	8 r. 5	80.5	80.5	80.5	80.5	80.5
GE 120001 80.8	5 <u>1 .</u> 8	83.9	84.3	84.3	94.4	64.5	54.5	á4 • 5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 100001 F3.5	46.9	87.C	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
BE 90001 83.8	e 7. 1	87.2	87.0	87.6	87.7	67.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 87001 85.1	18.6	88.9	89.4	69.4	69.5	89 .€	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
UL 70001 85.9	55.7	89.8	90.2	90.2	9.3.3	97.4	90.4	93.4	90.4	90.4	90.4	90.4	90.4	90.4	96.4
GE 60001 66.7	95.5	90.6	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
LE 5000 87.4	92.0	92.2	92.0	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
6E 45GC1 87.7	92.5	92.6	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 40001 88.9	94.3	94.5	95 • 1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 35 GC 89.4	74.7	94.9	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
LE 30001 89.4	94.8	95.1	75.6	95.9	76.1	96.2	76.2	96.2	96.2	95.2	96.2	96.2	96.2	96.2	96.2
													_		
OE 25 CO 83.8	95.3	95.5	96 • Ú	96.3	96.6	96 . 3	96.8	96.8	96.8	96.8	96.8	96.8	96 • 8	96.8	96.8
SE 27001 90.3	15.9	96.1	96 • 7	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 18 37 90.3	95.9	96.1	96.7	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 15 JOT 92.8	96.3	96.6	97.1	97.5	27.7	95.0	98.0	98.0	98 • C	98.0	98.0	98.0	98.0	98.0	98.0
OF 17001 91.3	97.1	97.3	97.6	98.3	98.5	98.7	99.7	98.7	98.7	99.7	98•7	98.7	98.7	98.7	96.7
6F 10001 91.4	+7.6	97.6	98 • 4	3.89	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
UE 9001 41.4	97.€	97.8	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
DE 8.01 91.4	9.7.€	98.0	98 . 5	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
ut 7001 91.4	41.7	98.1	98.7	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ot (31.4	37.7	99.1	96.7	99.4	97.6	99.9	99.8	99.8	99.9	99.0	99,9	99.9	99.9	99.9	99.9
SE 5-01 91.4	.7.7	98.1	98.0	99.5	35.7	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE 4001 91.4	97.7	98.1	98 . 8	99.5	94.7	99.9	99.9	99.9	100.0	100.0	100.q	100.0	100.0	100.0	100.0
UE 1001 91.4	97.7	98.1	98.8	99.5	94.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100-0
JE 2001 91.4	97.7	98.1	98.8	99.5	94.7	99.9	99.9	99.9	100.0	107.0	100.0	100.3	100.0	100.0	100.0
6E 1001 91.4	91.7	98.1	98 • 8	99.5	99.1	99.9	99.9	99.9	100.0	100.0	130.0	100.0	100.0	100.0	100.0
3E 31 51.4	91.7	98.1	98.6	99.5	99.1	99.9	99.9	99.9	100.0	10140	100.0	100.0	100.0	100.0	100.D
															

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY CUSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

ST	ATION N	UMBEP:	722665	STATI	ON NAME:	DYES	S AFP TX					PERIOD	OF REC	ORD: 78	-87		
		_											: AUG			0900-11	
		• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • • • • •						•••••	• • • • • • •	• • • • • • • •	• • • • • • •	•••••
	ILING				GE				BILITY			.E.S	GE				6.5
		CE	GE	GE		GE.	3.0	GE	GE	GE	GE.			GE	GE	GE	GE
	EET		6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	C
••	• • • • • • •	• • • • • •		• • • • • •		• • • • •	• • • • • • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • • •		• • • • • • •		*	• • • • • • •	•••••
NO	CEIL I	72.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
ōΕ	200001	77.8	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	A1.6	81.6	81.6	81.6	81.6	81.6	81.6
	180001		81.7	81.8	81.0	81.6	61.8	51.8	81.8	81.8	81.6	81.8	81.8	81.8	81.8	81.8	81.8
	160001		E 1.7	81.8	81.6	81.8	81.8	61.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
	140001		82.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	120001		84.9	85.1	85.1	85.1	85.1	05.1	85.1	85.1	85 • 1	85.1	85.1	85.1	85.1	85.1	85.1
				_													
GE	100001	86.8	88.6	8.86	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
ίE	9000	87.n	9.8	89.3	1.68	89.1	89.1	69.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE	80001	88.2	95.4	90.6	9ე.9	91.0	91.0	91.0	91.0	91.C	91.0	91.0	91.G	91.0	91.0	91.0	91.0
GE	70001	88.6	35.9	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
ÚŁ	P0 C3	89.5	91.7	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	Socol	90.1	92.5	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GΕ			92.0	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
6E	40001	91.6	94.5	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	35001	91.6	94.5	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	30001	92.0	c : . 3	95.5	95.9	96.1	9 € • 1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
G E			96.5	96.2	96 • 7	96.9	46.4	56.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	20001		97.2	97.4	97.8	98.1	96.1	46.1	98.1	98.1	98 • 1	98.1	98.1	98.1	98.1	98.1	98.1
G E	15 00		97.3	97.5	48.D	98.2	96.2	99.2	98.2	98.2	98.2	99.2	98.2	98.2	98.2	98.2	98.2
GΕ	15 00 [21.7	98.1	98.5	98.7	98.7	98.7	98.7	98.7	78.7	98.7	98.7	98.7	98.7	98.7	98.7
υE	12001	93.7	7ê.1	98.4	98 • 8	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	10001	93.7	98.5	98.8	99.2	49.5	44.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
C.E	9 001	93.7	98.5	98.8	99.5	99.7	79.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
<u>ي</u> را	# CD	93.7	98.5	98.8	99.5	99.7	99.8	99.8	99. 9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
υE	7001	93.7	98.5	98.8	99.5	99.7	99.8	99.8	99.8	99.9	99.9	90.9	99.9	99.9	99.9	99.9	99.9
üE	6271	93.7	98.5	98.8	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	sant	93.7	98.5	98.8	99.5	99.8	99.9	99.9	99.9	100 • C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
u E		97.7	+4.5	98.5	99.5	99.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SE		93.7	93.5	98.8	99.5	99.8	99.9	99.9	99.9	100 . C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υŁ	2001	91.7	78.5	98.5	99.5	99.8	94.4	99.9	99.9	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
ьE	1001	53.7	98.5	98.5	99.5	99.8	94.9	99.5	99.9	100 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C.E.	21	93.7	99.5	98.8	99.5	99.8	99,9	99.9	99.9	100.C	100.0	1,00.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY θ_{DS} Envations

PEPIOD OF RECORD: 78-87

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

				•				^				MONTH	: AUG	HOURS	(LST):	1200-14	00
	CEILING VISIBILITY IN STATUTE MILES IN CE																
				6.5		c c								c t		6.5	
		1.	CE 6	6 F 5	<u> </u>		2 1/2				1	3/4	5/8	1/2	GE 5/16	0 E 1/4	OF.
		-													3710	1/4	
•••	• • • • • • •	• • • • • •				••••									•••••		
NC	CEIL I	67.6	ú č•7	68.7	60.7	68.7	€ 6 .7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
ÚΕ	200001	77.7	72.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
6E	180001	78.2	79.2	79.2	79.2	79.2	74.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE	160001	79.1	75.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	146301		8 C. 4	80.4	80.4	87.4	e C . 4	80.4	83.4	d D • 4	80.4	87.4	80.4	89.4	80.4	80.4	8 C. 4
υE	120001	61.5	8 5 . 8	82.9	82.9	82.9	62.9	62.9	82.9	82 • 9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
1.5	100001	64 . f.	86.5	86.3	86.0	86.0	86.0	86.0	86.C	86.C	86.D	86.3	86.0	86.0	86.0	86.0	86.0
ÚΕ	90001		56.3	86.3	86.3	86.3	96.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
űE	60631		37.8	67.8	57.8	87.8	87.8	87.8	87.8	87.8	R7.8	87.8	87.8	87.8	87.8	87.8	87.8
GΕ	70001		3 É . 7	88.7	66.7	83.7	at.7	68.7	86.7	88.7	98.7	88.7	88.7	88.7	88.7	88.7	88.7
G.E.	60001		85.0	89.0	89.0	87.0	84.5	69.0	89.0	89.5	89.5	89.0	89.0	89.0	89.0	89.0	89.0
				•		• • • •	• •										
GE.	50001	97.0	22.2	90.2	90.2	93.2	90.2	90.2	90.2	90.2	90.2	90.2	90,2	90.2	90.2	90.2	90.2
UΕ	45.001	89.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE	40001	91.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
úΕ	35 Gg (93. C	96.4	96.4	96 . 6	96.6	96.6	46.6	96.6	96.6	06.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	30001	93.9	97.5	97.6	97.7	97.7	97.7	97.8	97. ₫	47.A	97.8	97.5	97.8	97.8	97.8	97.8	97.8
t, E	25,051	On 7	98.4	98.5	98.6	93.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.7	98.7	98.7	98.7
υ£	20001		98.7	98.8	98.9	98.4	98.9	99.0	99.6	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.0
6F	18 00 1		98.7	98.8	98.9	99.9	96.9	99.0	99.0	99.C	99 · C	99.0	99.0	99.0	99.0	99.0	99.0
GF.	15.001		95.5	99.1	99.2	97.4	99.4	99.5	99.5	99.5	99.5	90.5	99.5	99.5	99.5	99.5	99.5
ČE	12601		99.0	99.1	99 . 2	59.4	95.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	•1 001	,,,,,,	,,,,							,,,,					,,,,		.,
GE	10001	95.0	99.1	99.2	99.4	99.5	99.5	90.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
üΕ		95.0	95.2	99.4	99.6	99.7	94.7	99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8
Ĺέ	6 00 1	95.O	99.2	99.4	99.6	99.7	94.7	97.6	49.8	99.8	99 • 8	99.8	99.8	99.8	99.8	99.8	99.8
GΕ	7001	55.C	99.2	99.4	59.6	99.7	44.7	46.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
ĿΕ	€ 201	5 = . 7	99.2	99.4	99.7	99.9	43.4	1,00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(,E	s col	95.0	39.2	99.4	99.7	99.9	99.9	160.3	100.0	100 . C	100.0	100.0	103.0	100.0	100.0	100.0	100.0
ú.E		95.0	99.2	99.4	79.7	99.9	49.9	160.0	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
i.E		95.0	25.2	99.4	99.7	99.4	99.9	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE		45.0	79.2	99.4	99.7	99.0	29.9	101.3	100.0	160.6	100 C	100.0	100.0	100.0	100.0	100.0	100.0
ūΕ		95.0	55.2	99.4	99.7	99.5	99.9	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				• •						_					_		'
CE	11	95.0	99.2	49.4	99.7	97.9	66.6	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				• • • • • • •									• • • • • •				

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\theta_d S_E RVations$

514				-			S AFP TX					HONTH	OF REC	HOURS	(LST):	1500-17	CC	
	ILING	• • • • • •		•••••	• • • • • • •	• • • • • •	••••••		FILITY				• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•
1		Œ	CE	GE	GE	GE	6.5	Ģ E	GF.	GE	GE	30	30	GE	GE	GE	G£	
	ET I		6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	3	
• • •		• • • • • •													• • • • • •			
NO	CEIL	64.4	6.63	6.80	6ê.6	€3.€	5 F . E	61.6	៦អំ• ៦	68.6	58.6	6.84	68.6	68.6	68.6	68.6	68.6	
5€	220021	79.4	75.6	79.6	79.6	79.6	75.E	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
	180001		75.0	79.6	79.6	79.6	74.€	72.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
1,E	160 361	77.4	79.6	79.6	79.6	79.€	74.6	79 .t.	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
	140001		² (• €	80.E	82.6	83.6	FLOO	67.6	8 G • 6	80.6	90.6	80.6	80.6	80.6	80.6	80.6	9.03	
6€	150051	#0.3	÷ 2.0	82.6	82.6	82.t	56	82.5	67.6	82.5	82.6	87.6	82.6	82.6	82.6	82.6	82.6	
ء ن	100001	F5.7	84.3	86.3	86.3	86.3	36.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
υŁ	91001		4.7.1	87.1	87.1	67.1	87.1	67.1	87.1	87.1	P7.1	87.1	87.1	87.1	97.1	87.1	87.1	
υĒ	60.001		a 9 . 2	89.2	89.2	89.2	67.	89.2	89.2	69.2	F9.2	89.2	89.2	89.2	89.2	89.2	89.2	
υĒ	70001		35.7	89.7	59 . 7	89.7	54.7	89.7	89.7	69.7	99.7	89.7	89.7	89.7	89.7	89.7	89.7	
	60001		95.3	90.3	90.3	90.3	4 t . 3	9.71.3	93.3	90,3	90 • 3	90.3	90.3	90.3	90.3	90.3	90.3	
98	shoot	91.2	9:.9	92.9	92.9	92.9	9:09	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE	45.001		94.0	94.2	94.0	94.0	94.6	94.7	94.0	94.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
υE	46001		95.7	95.9	95.8	95.6	95.0	40.4	95.8	45.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
υŁ	35 631	50.1	.7.6	97.7	97.7	97.7	47.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
i, F	38 231	95.4	98.1	99.3	98 • 3	58.3	90.3	59.3	93.4	48.4	4.30	98.4	98.4	98.4	98.4	98.4	98.4	
üΕ	20001	g G _ p	98.5	98.7	98.7	59.7	99.7	98.7	98.8	98.8	98.6	90.8	98.8	98.8	98.8	98.8	98.8	
6E	21.001	95.0	9 e . 7	98.9	98.9	99.5	98.9	96.9	99.E	49.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
u.F	19051	يتر 🕳 کېک	99.7	98.9	98.9	98.9	98.9	98.9	99.0	99.C	99 • C	99.0	99.0	99.0	99.0	99.0	99.8	
1.1	15 30 [56.C	45.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	49.5	99.5	99.5	99.5	99.5	99.5	
1.8	17501	96+1	49.4	99.6	99.6	99.6	9 6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
üΕ	10001	95.1	95.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
uf	9.001	46.1	99.5	99.7	99.7	99.7	95.7	99.7	99.8	99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.8	
üŧ	8401	56.1	75.5	99.7	99 . 7	99.7	99.7	99.7	99.8	99.8	99.8	99.A	99.8	99.8	99.8	99.8	99.8	
₹,€	:531	56.1	49.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	69.8	94.8	99.8	99.8	99.8	99.8	99.8	
t, Ę	€ _31	96.2	95.7	99.9	99.9	99.9	99.9	99.9	100.0	10C • C	100.0	100.0	100.0	100.0	100.0	100.0	170.0	
. , E	1001	96.2	95.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ĿΕ	4 3 3 1	96.2	95.7	99.9	99.9	99.9	99.9	99.9	130.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
f, t	1001	46.:	93.7	99.9	99.9	99.9	94.9	99.9	100.0	iaa.c	100.0	100.0	130.0	100.0	100.0	100.0	100.0	
υŁ		94.2	75.7	99.9	99.9	99.9	59.5	99.9	190.0	100 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ÇF	1501	55.0	74.7	49.9	99.9	99.9	99.9	99.9	103.0	100.C	100.0	100.0	100.0	100.0	100.0	150.0	190.0	
t	71	41.5	⇒9.7	99.9	99.9	93.9	99.9	99.9	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION N	UMBER:	72 266 5	STATI	ON NAME	: Dyt :	S AFB T	x					OF REC		-			
												MONTH				1800-20	CC	
	. I t: G	• • • • • •		• • • • • • •	• • • • • • •		• • • • • • • •		. P I L I T Y				• • • • • • •	• • • • • • •		• • • • • • •	•••••	••
1		GŁ	CE	GE	GE	GE	GF	0.5	GE	GE	GE	GE	GΕ	GE	Gε	GΕ	GE	
FEE			ь.	5	4		2 1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
		• • • • • •																• •
*0 C	EIL	70.4	75.6	70.8	70.8	70.8	76.8	70 • €	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
	100001	u 1 o	9 2 . 3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	R2.3	82.3	82.3	82.3	82.3	82.3	82.3	
-	10006		93.0	93.0	P3.0	83.0	83.C	83.0	83.G	83.C	P3.0	83.0	83.0	83.0	83.0	83.0	83.0	
	160231		93.2	83.2	83.2	83.2	83.2	43.3	83.2	63.2	93.2	83.2	83.2	33.2	83.2	83.2	83.2	
	4-001		45.0	85.0	85.i	85.C	85.5	85.0	85.0	85.C	85.C	a5.0	85.0	85.0	85.0	85.0	e5.0	
	20001		96.9	86.9	86 . ÿ	85.9	6 E . 5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
OL I	21.65		, ,	00.7	0.,	03.7	٠,,	,	55.9	80.		00.7		,,,,		00.	.,	
GE 1	100001	90.2	75.9	90.9	90.9	93.9	96.9	97.9	93.9	90.9	90.9	92.9	90.9	90.9	90.9	90.9	90.9	
tiE.	95131		71.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
ü.E	80001		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
5E	70 401		92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
LE	50001		44.4	94.4	94.4	94.4	34.4	74.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
o.							•	•										
5.8	50001	94.3	35.6	95.6	95.6	95.6	45.6	95.6	95.6	95.6	95.€	95.6	95.6	95.6	95.6	95.6	95.6	
L.E	45.001	55. 1	76.5	96.5	96.5	96.5	90.5	96 .5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
SΕ	40001	46.1	98.2	98.2	98.3	98.3	90.3	48.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
6E	35 gg [96.7	96.5	98.5	48.9	98.9	96.9	94.9	98.9	48.5	98.9	40.9	98.9	98.9	98.9	98.9	98.9	
t, F	30001	46.0	78.9	98.9	94.3	99.3	99.0	99.5	99.0	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	25 601		55.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
υŁ	20001		35.4	99.4	79.5	99.5	59.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
ωE	16 (31		79.4	99.4	99.5	99.5	9.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
SE	1.01		95.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
υŁ	12001	47.L	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
ű.E	10001	67.0	, 5 , 4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
ur ut		97.0	19.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
ist.	6 001		95.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
u.E		97.C	79.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
6F	€ 551		,5.7	99.7	99.8	59.8	99.8	99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
0;	(0.7)	7 7 4 6	771	7741	77 • 0	77.5	7710	,,,,,	77.0	,,,,	.,,,	,,,,	,,,,	,, • o	,,,,	, 4 . 0	77.0	
o f	1.001	97.C	95.6	99 F	99.9	99.4	95.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
43	4.01		33.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
úξ	1201		45.6	99.8	99.9	99.9	136.0	100.0	100.0	100 . C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
6.F	2001		23.8	99.8	99.9	99.9	130.0	107.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
€.	1001		. 7. 8	99.8	99.9	99.9	105.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
υŧ	21	97.5	79.8	99.8	99.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

							S AFB T					MONTH	OF REC	HOURS	(LST1:	2100-23	00
	IL ING	• • • • • •		• • • • • •		• • • • • •	•••••		BILITY				•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••••
		GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET I	-	6	5	4		2 1,2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥
	-							_			_						
• •										• • • • • • • • • • • • • • • • • • • •	• • • • • • •				•••••		
NO	CEIL	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE	100001	64.6	34.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE	180001	85.C	35.1	85.1	85 • 1	85.1	85.1	85.1	35.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE	160001	85.C	35.1	85.1	85.1	85.1	35.1	85.1	85.1	65. 1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE	140001	86.0	86.1	86.1	86 • 1	86 - 1	80.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GΕ	120001	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
			_	•												-	
GE	100001	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	10000	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
66	80001		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	70631		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE	60001		94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
O.L	00.001	7.41	77.1	74.4	77.6	74.2	74.2	74 +2	74.6	,,,,	, , , , ,	, , , , ,	, , , , ,	74.6	,,,,,	, 102	,412
GF	50 Gal	93.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95 • 1	95.1	95.1	95.1	95.1	95.1	95.1
- •			-	96.2				-	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
ĿΕ	4500		96.0		96 • 2	96.2	96.2	96.2									
GE	40.00		97.3	97.6	97 • 6	97.6	97.6	97.6	97.6	47.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE.	35 00		97.8	98.2	98 • 2	98 • 2	96.2	98 • 2	98.2	98 • 2	98 • 2	98.2	98.2	98.2	98.2	98.2	98.2
GΕ	30 CO I	96.8	98.4	98.8	98 • 8	98.8	96.8	9 2 • 8	98.8	98.8	98 • 8	98.8	98.8	98.8	98.8	98.8	98.8
	25.501		98.5	98.9	98.9	98.9	96.9	98.9	98.9	98.9	98.9	99.9	98.9	98.9	98.9	98.9	98.9
ĿΕ	25 00					-				-							
ĽΕ	20 00 1		98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	18 (0)		98.5	98.9	98.9	98.5	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	15 00 1		98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	12 00	97.1	98.8	99.2	99 • 2	99.2	95.2	99.2	99.2	99.2	99 • 2	99.2	99.2	99.2	99.2	99.2	99.2
GE	10001		9 8 . 8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
_	1000											•		, .			
GE		57.2	75.C	99.5	99 • 6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
G.E		97.2	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		97.2	99.2	99.7	99 • 6	99.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
úξ	6001	97.2	99.2	99.7	99.8	99.9	99.0	99.8	99.8	99.8	99.8	89.8	99.8	99.8	99.8	99.8	99.8
								00.0	99.8	00.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		97.2	99.2	99.7	99.8	99.8	99.8	99.8		99.8							
GE		97.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100 · n	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.2	99.4	99.9	106.0	100.0	100.0	100.0	100.0	100.0	106 · C	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1001	97.2	95.4	99.9	130.0	100.0	100.0	100.0	100.C	100 • C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	31	97.2	99.4	99.9	100.0	100.0	133.0	100.0	100.C	100 • C	100.C	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87 HONTH: AUG HOURS(LST): ALL CEILING VISIRILITY IN STATUTE MILES IN | GE GE GE GE 2 1 1/2 1 1/4 G E S GE GE 3 2 1/2 Œ GE 4 G€ GE GΕ GΕ GΕ 1 10 6 3/4 1/4 1 5/8 1/2 5/16 NO CETE 1 72.5 73.7 73.7 73.8 73.8 73.8 73.8 73.8 73.8 73.8 77.8 73.8 73.8 73.8 73.8 73.8 GE 200001 80.9 82.2 82.3 82.3 82.3 82.4 02.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 GE 180001 81.2 82.5 82.6 92.6 82.7 83.5 82 . t 82.6 84.6 82.6 82.7 82.6 82.7 82.6 82.7 82.6 82.7 82.6 82.7 82.6 82.6 82.6 82.6 6E 160CO| 81.2 82.6 82.6 82.7 GE 140001 82.0 83.3 83.4 83.5 63.5 83.5 53.5 93.5 83.5 81.5 83.5 83.5 GE 120001 64.2 85.8 85.8 85.7 85.8 85.0 65.5 85.8 85.8 8 . 8 85.8 85.8 A5.8 85.8 85.8 GE 100001 87.4 89.1 89.2 99.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 GE 90001 87.7 35.4 89.5 89.5 89.5 87.5 89.5 87.5 89.5 99.5 89.5 91.1 89.5 89.5 89.5 89.5 89.5 ĞE 80001 68.9 70001 89.4 96.9 90.9 91.0 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.4 GE 91.5 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 60001 90.0 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 GE 50 pol 91.0 93.4 93.5 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 4.50 93.6 υE 45001 91.8 94.2 94.3 94.4 94.4 94.4 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 4000| 93.1 3500| 93.8 GE 96.0 96 •1 97 • U 96.3 96.3 96.3 96.4 96.4 97.2 96.4 96.4 97.2 96.4 96.4 96.4 96.4 97.2 96.4 96.4 46.8 97.1 97.2 97.2 97.2 97.2 97.2 36001 94.1 97.6 GF 97.3 97.5 97.8 97.8 97.6 98., 95.1 25001 94.5 97.8 98.0 98.1 99.1 98.1 ٥E 98.1 98.1 98.1 98.1 98.1 1.89 98.1 2060| 94.6 1800| 94.7 98.3 96.0 98.2 98.4 90.4 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 GE 98.0 98.2 98.3 98.4 98.4 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 15001 98.4 98.7 GΕ 98.8 98.9 98.9 98.9 99.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.1 12001 95.1 99.3 99.2 10001 95.1 GE 98.8 99.1 99.2 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 99.7 99.2 99.2 99.3 99.6 99.7 99.6 99.7 GE 9601 95.1 8301 95.1 98.9 99.4 99.5 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 GE 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 7001 95.1 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 GŁ 6001 95.1 55.1 99.4 99.6 99.8 99.8 99.8 99.9 99.9 99.9 GE 5001 95.1 99.1 99.4 99.7 99.8 99.4 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4L01 95.1 99.1 99.4 99.7 99.7 99.6 95.9 99.9 99.9 99.9 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 2001 95.1 99.1 99.4 99.7 99.8 99.9 99.9 100 . C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 95.1 99.7 99.4 100.0 99.8 99.4 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 01 95.1 29.1 99.4 99.7 99.6 94.9 99.9 130.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-							S AFR TX					MONTH	OF REC	HOURS	(LST):	0000-02	00
	LING	• • • • • •				• • • • • •				IN STATE							
		GE	CE	GE	GE	GE	٥٤	GE	GE	GE	GE	.E.S GE	GE	GE	G€	GE	GE
-		17	LL E	5 S			2 1/2		1 1/2			3/4	5/8	1/2	5/16	1/4	0.
r E		1.0	٤	5	4	•	2 1/2		1 1/2	1 1/4	1	3/4	5/6	172	3/10	1/4	U
• • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • •			• • • • • • •	• • • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
NO	CEIL	16.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
ő.F	200001	80.8	31.8	82.0	82.0	82.0	82.6	82.0	82.0	82.C	92.0	82.0	82.0	82.0	82.0	82.0	82.0
	180001		81.8	82.Ū	82.0	82.0	82.6	62.3	82.0	82.0	82.0	82.0	82.0	82.0	92.0	82.0	82.0
	160001		81.8	82.3	82.0	82.0	82.0	82.0	82.G	82.C	82.0	82.0	82.0	82.0	82.G	82.0	82.0
	140001	-	82.0	82.2	82.2	82.2	82.2	62.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	120001		83.0	83.3	83.3	83.3	63.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
U.L	120001	5 K • U	95.0	0 7 • 3	63.3	0 3 6 2	62.43	33.3	03.3	03.3		03.03	83.3	63 63	0343	63.5	03.3
LE	iorbal	ō4 • 4	85.4	85.8	85 • 8	85.8	35.8	85.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GΕ	95001	84.6	3 6 • 2	86.6	86.6	86.6	96.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GΕ	80601	56.3	98.0	a8.7	88.7	88.7	86.7	89.7	89.7	b8.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GΕ	70001	86.3	8 6 a G	88.7	88.7	88.7	8 H • 7	88.7	88.7	88.7	88 • 7	89.7	88.7	88.7	86.7	88.7	88.7
úΕ	60001		28.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	68.9	88.9	88.9
	,		_									•	-	00-7			
GE	51631	97. 2	89.8	89.9	89.9	89.9	85.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	45 001		89.0	89.9	90.0	90.1	96.1	90.1	90.1	90.1	90 . 1	90.1	90.1	90.1	90.1	90.1	90-1
ĽE	40631		a9.3	95.2	93.4	90.6	95.6	97.6	90.6	90.6	90.6	95.6	90.6	90.6	90.6	90.6	90.6
G E	35.001		85.4	90.3	90.6	90.7	90.7	97.7	92.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE	30001		59.6	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.6	91.8	90.8	90.8	90.8	90.8	90.8
O.	35001	9107	3 7.00	, , , ,	,,,,,	,,,,,	, , ,	, C • C	,,,,	,0,0	,0,0	, u	,0.0	,0.0	,0.0	,,,,	,,,,,
٥E	25 601	83.7	95.9	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GΕ	20001		91.4	92.3	92.6	92.7	9 2 . 7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
6.5	16 CC		¢ 1.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE	15001		92.1	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	12.651		92.4	93.6	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
OE	17,001	2 ** /	9 2 • 4	93.0	74.0	94.2	74.2	94	74.2	74.2	74.2	74.2	94.2	74.2	94.2	74.2	94.2
GE	10001	92.2	93.3	94.4	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
6E	9.01	42.4	9 3 . 6	95.3	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	8 00 1	92.6	94.1	95.6	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
S.E.	7501	40.6	94.1	95.8	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE		90.7	94.3	96.2	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
			• -				_										
GE		90.7	94.4	96.7	97.2	97.9	97.9	90.0	98.C	98.0	98 • D	99.D	98.0	98.0	98.0	98.0	98.0
ΓE		9C.7	94.6	97.5	97.7	99.3	98.3	98.3	98.8	98.8	98.8	98 • 8	98.8	98.8	98.8	98.8	98.8
ĢΕ	3001	4J.F	94.9	97.3	98.3	99.D	99.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
ti€	2001	90.8	94.5	97.3	98 • 3	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
J٤	1601	95.8	34.5	97.3	98.3	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
		0 - 0	04.5		a 2												
υE	31	¢ ~. 8	94.5	97.3	98.3	99.3	99.3	99.8	99.9	99.9	99.9		100.0		1 20 • 0	100.0	100.0
•••	• • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

574	TION N	UMBER:	722665	STATI	OR NAME:	DYES	SS AFE TX					PERIOD	OF REC	ORD: 77	-86		
												MONTH	: SEF	HOURS	(LST):	0300-05	00
		• • • • • •	• • • • • • •	• • • • • •		• • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •
	LING									IN STATE					_		
	IN I	GE 10	GE,	GE 5	G E 4	GE,	GE 2 1/2	G L 2	GE	GE 1 1/4	G€ 1	GE 3/4	GE 5/8	GE	GE	GE	GE
	- ,	_	_								_			1/2	5/16	1/4	a
•••	• • • • • •	• • • • • •		•••••		• • • • • •		• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
110	CEIL I	71.7	72.7	73.9	74 • 2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE	200001	76.D	76.0	78.2	78 . 6	78.7	76.7	75.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	180001		78.5	78.2	78 . b	79.7	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78 • 7	78.7	78.7
6E	160001	76.5	78.0	78.2	78.6	78.7	76.7	75.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE	140001	76.3	78.3	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE	120 col	77.2	79.2	79.4	79.8	80.0	86.0	80.C	8 D. C	60.C	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE	100001	79.4	81.4	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE	90001		81.9	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	62.8	82.8
GE	80001	80.7	82.8	83.3	83.9	64.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE	70.001	80.8	83.1	83.7	84.2	24.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GΕ	60001	8 C. 9	8 3. 3	83.9	84 • 4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE	50001	81.3	83.9	84.7	85 • 2	85.4	25.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE	45.00	81.7	94.2	85.3	85 • 6	e5.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
CE	47 00 1	82.2	84.8	85.6	86 • 1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	35 CC	82.F	55.3	86.1	86 • 7	86.9	8 t . 9	06.9	96.9	86.9	86.9	86.9	86.9	86.9	86.9	86 • 9	86.9
GΕ	30001	83.2	85.8	86.8	87.3	₽7•6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87,6
GΕ	25 001	84.1	86.7	87.7	88.2	88.4	86.4	68.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
úΕ	20001		87.6	88.9	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE	18 60 1	94.6	87.6	88.9	89 • 4	89.7	84.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GΕ	15001	85.6	89.7	91.0	91.6	91.8	91.8	9148	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GΕ	12001	86.1	9 0 • 2	91.6	92 • 1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GΕ	10601	86.4	96.9	92.2	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
ΘĒ	9001	86.6	91.3	92.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	8.00	86.7	91.9	93.6	94 • 6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	7:01	c6.7	91.9	93.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
ĿΕ	6 30 1	86.9	72.7	94.4	96 • 2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
C،E	5001	86.9	93.1	95.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GΕ	4 00 1	67.1	93.3	95.4	97.7	99.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	95.6
GΕ		87.1	9 2 . 3	95.4	98.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		€7.1	92.3	95.4	98.0	99.C	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
úŁ	1001	67.1	93.3	95.4	98 • 0	99.0	99.0	¥9 • 3	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.9	100.0
(,E	21	e7.1	93.3	95.4	98 • 0	99.0	99.3	49.3	99.4	99.4	99.4	99.6	99.6	99 . B	99.8	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX PERIOD OF RECORD: 77-86 MONTH: SEP HOURS(LST): 0600-0800																	
												MONTH					
CE IL		• • • • • •	• • • • • • •		• • • • • • • •	••••	• • • • • • • • •			IN STATE			• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••••
1 N	- 1		Œ	GΕ	GE	GE	GF	6 E	GE	GΕ	GE	GE	GE	GE	GΕ	GE	GE
FEE	1	12	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • • •	• • • • •	• • • • •		• • • • • •					• • • • • •					• • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •
№0 C	EIL	63.4	6 2 • 0	63.2	63.6	63.8	63.8	64.0	64.0	64.C	64 • O	64.0	64.0	64.0	64.0	64.0	64.D
			_				_										
	ac ac f		67.7	67.9	68.4	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68,9	68.9	68.9	68.9	68.9
	10008		6 P. C	69.2	68 • 8	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
	10039		58.0	68.2	68.8	69.C	69.C	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
	40 CO I		68.7	68.9	69.4	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
CE I	20001	28.1	71.2	71.6	72.2	72.4	72.4	72.7	72.7	72.7	72,7	72.7	72.7	72.7	72.7	72.7	72.7
					-			7 0	20	7.	.	75.0		75 0	35 -		
	leaco		73.4	73.8	74 • 4	74.7	74.7	74.9	75.C	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	90001		74.1	74.6	75 • 3	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
	10008		76.3	76.€	77.7	77.9	77.9	78.1	78 • 2	78 • 2	78 • 3	78.3	78.3	78.3	78.3	78.3	78.3
	70001		77.7	78.1	79.1	79.3	79.3	79.6	79.7	79.7	79 • 8	79.8	79.8	79.8	79.8	79.8	79.8
GE :	6C CO	75.3	78.7	79.1	80.1	8 n • 3	€ 2 • 3	85.6	80.7	80.7	80.8	8,73	80.8	80.8	80.8	80.8	80.8
GΕ	shaal	76.2	79.7	80.2	81.2	81.4	61.4	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
G E.	45 00 1	77.0	36.6	81.1	82.1	82.4	82.4	82.7	92.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE -	40001	77.3	ac.9	81.4	82.4	82.8	82.8	83.3	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GΕ	35 Ca L	77.8	31.3	81.9	82.9	83.2	83.2	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
65	3 r u a l	78.4	à 2 • 2	82.9	94.1	64.6	64.6	84.9	85.C	65.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE :	25.001	79.4	93.6	84.4	85.7	86.2	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE :	20001	61.2	9 £ • O	87.0	88.6	89.1	89.1	80.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
Gξ	19001	81.6	86.3	87.3	58.9	89.4	89.4	89.8	89.9	89.9	90.0	99.0	90.0	90.0	90.0	90.0	90•0
GE	15001	82.0	87.3	88.4	90 • 1	90.7	90.7	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE.	12001	82.3	47.8	89.3	90 • 7	91.2	91.2	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	10001		0.0	00 "		92.7	0 - 7	0 7 7					07.2				
	10001		8 9 • C	98.4	92 • 1		92.7	93.3	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GΕ	1009		89.2	90.7	92 • 4	93.0	93.0	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
úξ			85.7	91.2	93.1	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94 • 2	94.2	94.2	94.2
GE GE	7001	82.9	99.9 95.1	91.6	93.7	94.2	94.3	94.7	74.8	94.8	94.9 95.9	94.9 95.9	94.9	94.9	94.9 95.9	94.9	94.9
UE	6 501	0.49	71	91.9	94 • 7	95.2	95.3	95.7	95.8	95.8	75.7	97.9	95.9	95.9	95.9	95.9	95.9
űE	5631	83.1	96.4	92.8	95 • 7	96.3	96.4	96.8	95.9	96.9	97.C	97.0	97.0	97.0	97.0	97.0	97.0
(₃E	4001	E 3 . 1	96.7	93.0	96 • 1	96.9	97.C	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE.	7001	83.2	96.9	93.3	96.7	97.6	97.7	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GΕ	2001	83.2	91.1	93.6	96.9	97.8	97.9	98.6	98.8	98.9	99.1	99.6	99.6	99.6	99.6	99.7	99.8
CE	1 30 1	83.2	91.1	93.6	96.9	97.8	97.9	99.6	99.9	99.0	99.2	99.7	99.7	99.7	99.8	99.9	100.0
GE	p t	83.2	91.1	93.6	36.9	97.8	97.9	99.6	98.9	99.0	99.2	99.7	99.7	99.7	99.8	99.0	100.0
																	100.0
••••												• • • • • • •					

PENCENTAGE FRICLENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-				_			S AFB TX					HONTH	: SEP		ILST):		
	ILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •				IN STATE			• • • • • • •	• • • • • • •			•••••
F {	LN I	10 CE	و3 ع	6 E 5	GE 4	GE 3	6E 2 1/2	GE	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	G€ 5/16	GE 1/4	GE D
	CEIL		63.0	63.0	63.0	63 . C	63.0	63.0	63.C	63.0	63.0	63.0	63.0	63 . D	63.0	63.0	63.0
⊌E GE	20000 18000 16000	67.1 67.1	6 8 • 8 6 8 • 8	68.7 68.8 68.8	68 • 8 68 • 8	69.7 68.8 68.8	68.7 68.6 68.8	69.7 68.8 63.8	68.7 68.8 68.8	68.8 68.8	68.7 68.8 68.5	68.8 68.8	68.7 68.8 68.8	68.7 68.8 68.8	68.7 68.8 68.8	68.7 68.8 68.8	68.7 68.8 68.8
	14000 12000		1 C • 7 7 Z • 9	70.7 72.9	7 ₀ .7 72.9	70.7 72.9	75.7 72.9	70.7 72.9	70•7 72•9	70.7 72.9	70.7 72.9	70•7 72•9	70.7 72.9	70.7 72.9	70.7 72.9	70.7 72.9	70.7 72.9
GE GE GE	180001 90001 80001 70001	73.3 76.7	75.4 75.8 79.1 80.2	75.6 75.9 79.2 80.3	75.7 76.0 79.3 80.4	75.7 76.0 79.3 83.4	75.7 76.0 79.3 80.4	75.7 76.0 79.3 60.4	75.7 76.0 79.3 80.4	75.7 76.0 79.3 80.4	75.7 76.0 79.3 80.4	75.7 76.9 79.3 80.4	75.7 76.0 79.3 80.4	75.7 76.0 79.3 80.4	75.7 76.0 79.3 80.4	75.7 76.0 79.3 80.4	75.7 76.0 79.3 80.4
GE	69001	77.6	8 C. 7	80.9	81. 0	81.0	81.0	61.0	81.C	61.2	81.0	a1.0	81.0	81.0	81.0	81.0	81.0
GE GE	45001	79.7 79.3 87.5	92.1 33.0 83.8	82.3 83.2 84.1	92.4 83.3 84.2	82.4 83.3 84.2	82.4 83.3 84.2	82.4 83.3 84.2	82.4 93.3 84.2	82.4 83.3 84.2	92.4 83.3 84.2	82.4 83.3 84.2	82.4 93.3 84.2	82.4 83.3 84.2	82.4 83.3 84.2	82.4 83.3 84.2	8 2 • 4 8 3 • 3 8 4 • 2
GE GE	35 00 l 30 00 l	ხე.€	34.6 86.0	84.9 86.4	85 • Û 86 • 7	85.0 86.8	65.0 86.5	85.3 86.8	85.C 86.8	85.C 86.8	85.0 86.8	8 F • C	85.G 86.8	85 • D 86 • 8	85.0 86.8	85.0 86.8	85.D 86.8
GE GE	25 00 1 25 00 1		37.8 85.2	88 • 2 8 9 • 8	88.4 90.0	68.6 90.1	9 6 . 6 9 6 . 1	88.6 90.1	88.6 90.1	88.6 93.1	88.6 90.1	89.6 90.1	88.6 90.1	88.6 90.1	88.6 90.1	8g.6 90.1	88.6 90.1
30 30 30	13 03 l 15 03 l 12 03 l	84.9	85.6 90.2 92.3	90.2 91.0 93.1	90.4 91.3 93.4	90.6 91.4 93.6	92.6 91.4 93.6	90.6 91.4 93.6									
GE	10001	86.2	93.4	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
6E 6E Cr	8 00 1	86.2 86.2 66.3	94.4 94.4	95.0 95.3 95.8	95.6 96.0 96.4	95.7 96.1 96.6											
σĒ	6001	86.7	95.6	96.9	97.7	97.9	97.9	98.1	98.2	98.2	98.9	94.2	98.2	98.9	98•2 98•9	98.2	98.2
6E 6E	4001	86.7 86.8	96.0 96.2 96.3	97.1 97.4 97.8	98.3 98.3 98.6	99.2 99.6 99.0	98.2 98.6 99.0	99 • 1 99 • 6	98.8 99.2 99.7	99.2 99.7	99.3	99.3 99.8	99.3	99.3 99.8	99.3 99.8	99.3	99.3 99.8
ÜE	2601	86.8 86.8	96.3	97.8 97.8	98 • 8 98 • 8	99.U 99.U	99.0	99.6	99.7	99.7	99.8 99.8	99.8 69.8	99.8 99.8	100.0	100.0	100.0	100.0 100.0
GE	0.1	86.9	76.3	97.8	98.8	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:	722665	STATION	NAME:	DYES	S AFE TX					PERIOD	OF REC	ORD: 77	-86		
										MONTH	: SEP	HOURS	(LST):	1200-14	CO
					• • • • • • • •								• • • • • •		
CEILING								IN STAT							
IN I GL	CE		GE	GE	GF	GΕ	GE	GE	GE	GE	GΕ	GE	GE	GE	ĢE
FEET 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
			•												
NO CEIL 64.1	64.3	64.3 6	54 • 3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 200001 70.3	75.6	73.6 7	70.6	70.6	78.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
6E 180001 73.6			-	75.8	76.6	77.8	70.8	70.8	70.8	77.8	70.8	70.8	70.8	70.8	70.8
GE 160001 75.6		-		70.5	70.8	10.8	70.8	70.8	70.8	70.8	70.8	73.8	70.8	70.8	70.8
GE 140001 72.3				72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 120001 74.4				75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
OE 120031 74.4	7 9 • 3	10.5	3.3	13.3	13.3	1313	, , ,		, , ,	, , , ,	13.3	1.3 6 3	75.3	13.3	13.3
GE 100001 76.7	78.0	78.0 7	18.0	79.0	7 t .û	78.3	79.0	78.0	78 . C	78.0	78.3	76.0	78.0	78.D	78.C
GE 90001 76.8				78.1	70.1	78.1	76.1	78 - 1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 8CGC 79.1	_			80.4	81.4	ac.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 75601 79.8	-	-		81.3	81.3	e1.3	91.3	61.3	81.3	81.3	81.3	A1 - 3	81.3	81.3	81.3
GE 60001 81.3				63.1	83.1	83.1	83.1	63.1	83.1	83.1	83.1	83.1	83.1	63.1	83.1
								•					- • •	3	
66 Shcol 83.1	95.2	85.2 8	35.2	85.2	95.2	85.2	85.2	65.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 45601 03.4	95.6	85 • 6 A	35.6	65.6	65.6	65.5	85.6	85 • 6	95.6	85.6	85.6	85.6	85.6	85.6	85.6
6E 4060 85.2	27.6	a7.7 6	37.7	87.7	57.7	67.7	87.7	87.7	97.7	87.7	87.7	87.7	87.7	87.7	87.7
0.65 GO 35 30	ರಕ•7	8.848	38 • d	86.8	96.5	5° .8	98.8	88.8	9.89	8.98	88.8	88.8	88.8	88.8	85.8
6€ 30 0 0] 83.8	91.7	91.8 3	11.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 25001 89.4	-			92.6	92.6	47.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000[90.6				93.4	95.5	93.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800 90.7				94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
6E 1567] 91.3				96.D	96.0	96.0	96.0	96.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 12 CO 91.6	3ۥ3	96.8 9	27.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
.c. 10:01 01 7						07.	07.	97.6		97.6	07 (97.6	97.6	97.6
GE 1030 91.7				97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.9	97.6 97.9	97.0	97.6 97.9	97.6 97.9	97.9	97.9	97.9
8 1 C 1 C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				98.3		-	98.4	98.4	98.4	99.4	98.4	98.4	98.4	98.4	98.4
GE FOCT 92.0					96.3	58.4		99.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 7631 92.9 GE 6001 92.1				99.9	96.9 99.2	99.0 99.4	99.C	99.4	99.4	99.0	99.4	99.4	99.4	99.0	99.4
GC COST 45.1	40.0	70.00 7	77.1	77.6	77.2	77.4	99.4	99.4	77.4	77,4	77.4	77.4	77.4	77,4	77.7
GE 5001 92.1	75.1	98.7 9	9.3	99.6	99.6	49.8	99.8	99.8	79.8	99.8	99.8	99.9	99.8	99.8	99.8
UE 4001 92.1				99.6	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
uE 7001 92.1				99.7		165.3	103.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0
68 2001 92.1				99.7		100.0	100.0	140.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1gn 42.1				99.7		130.0	130.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
•							-								
6E 31 92+1	96.1	99.7 9	9.3	99.7	99.7	100.7	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMPER: 722665 STATION NAME: DYESS AFR TX PEPIOD OF RECORD: 77-86 MONTH: SEP HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES CE IL ING 3 0 GE FEET I 1 1/2 10 3 2 1/2 1 1/4 5 1 3/4 5/8 1/2 5/16 1/4 0 NO CETE 1 67.5 63.3 € 2.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 72.3 72.8 72.3 72.3 72.8 72.3 72.8 72.3 72.8 200001 71.9 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72.8 72.8 GE 180001 72.3 72. b 72.8 72.0 72.8 72.8 72.8 72.8 72.8 72.8 GE 160801 72.6 73.0 73.0 73.C 73.0 73.C 73.C 73.C 73.0 73.0 73.0 73.0 73.0 73.0 73.3 73.C 74.7 75.9 GE 140001 74.1 74.7 74.7 74.7 74.7 74.7 74.7 75.9 74.7 75.9 74.7 74.7 74.7 74.7 120301 75.3 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 r.E 75.9 75.9 75.9 81.0 GE 100001 HO.1 e C. 8 87.9 81.0 81.0 81.0 81.0 81.C 81.0 81.0 81.0 81.0 81.0 81.0 81.0 90001 80.1 80.6 31.0 81.0 83.2 81.5 83.2 01.C 81.0 81.0 6F 80.9 91.0 81.C 81.0 81.0 81.0 81.0 81.0 81.0 accol 62.3 81.2 83.2 83.2 83.2 83.2 83.2 83.1 83.2 GE 63.2 70001 F3.7 94.7 85.8 85.8 85.9 ٥E 67CO1 64.6 95.6 85.7 85.8 85.8 85.8 85.8 95.8 85.8 85.8 85.8 85.8 50001 67.4 88.9 88.9 88.9 88.9 88.9 GE 88.7 88.8 88.9 88.0 A8.9 89.9 88.9 68.9 88.9 87.8 89.8 45001 88.3 40001 69.9 89.8 92.1 89.8 89.8 89.8 GE 99.6 89.7 89.8 64.8 89.8 89.8 P9.8 89.8 89.8 92.1 92.3 71.4 91.9 92.1 9..1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 ьE 35001 90.1 91.7 92.1 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 94.0 94.5 6E 30001 91.6 53.1 93.6 94.0 94.0 94.0 94.0 94.0 94.0 94.0 25.001 91.7 94.4 94.7 94. 7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 ωŧ 91.6 94.7 C4 . 7 94.7 96.5 95.8 95.8 95.8 20001 92.3 18301 92.7 95.8 95.á 95.8 95.8 95.8 95.8 95.6 95.8 ادا 94.4 95.6 95.8 95.0 96.3 96.3 46.3 96.3 46.3 96.3 96.3 96.3 96.1 96.3 96.3 96.3 96.3 υE 15 60 j 53 - 1 75.6 97.5 97.4 97.4 97.4 97.4 97.9 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.9 97.9 97.9 97.9 υE . 6. . 97.4 98.3 98.3 10001 97.7 97.9 98.3 98.3 98.3 98.3 SE 96.7 98.3 98.3 96.3 98.3 28.3 99.3 98.3 99.6 9201 93.9 99.€ 95 .6 96.9 98.1 98.6 96.6 93.6 98.€ 78.6 98.6 98.6 98.6 98.6 i, f 98.5 98.1 98 .E 94.6 PEST 95.9 .6.9 98.6 98.6 3.80 98.6 98.6 98.6 98.6 G.E 98.6 9 c . t 98.6 1601 93.9 11.2 98.6 98.6 98.9 υ£ 98.1 98.6 48.6 90.0 78.6 98.6 98.6 98.6 98.6 98.6 98.6 9 8 . 4 98.9 S8.5 90.5 5001 44.3 99.3 99.6 99.6 99.6 37.6 98.8 99.6 94.0 99.6 99.6 99.6 99.6 59.6 99.6 99.6 GE 4001 94.3 7001 94.3 77.6 98.9 49.4 99.7 99.7 99.8 99.8 99.8 99.6 99.8 99.8 99.8 99.8 99.8 ٠, E 100.0 17.6 98.9 99.6 99.9 99.9 100.0 100 . C 100.0 100.0 100.0 100.0 100.0 100.C 100.0 31 94.3 100.0 100.0 100.0 (. F 97.6 98.9 99.6 99.9 44.9 100.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 47.6 īno∗c 99.6 400.0 100.0 100.0 130.0 100.0 -1 54. 1 31.€ 78.9 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 51

PERCENTAGE FARQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC		
STATION NUMBER: 727665 STATION NAME:	DYESS AFR 1X	PEPIOD OF RECOPD: 77-86

							S AFR 1X						: SEP			1800-20	
EILING		• • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • •	•••••		FILITY				• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••
IN		C.L	CE	GE	GE	GE	GE	GE	GE	GE	GE	6 E	3.0	GE	GΕ	GE	GE
FEET		10	6	5			2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
O CEIL			75.6	70.7	70.7	71.7		70•7	70.7	70.7					70.7	70.7	70.7
								•					-		_		
E 5000.			7 E . 8	78.9	78.9	79.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
E 1600			75.4	79.6	79.6	79.6	75.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
E 1670!			75.4	79.6	79.6	79.6	74.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
E 1400			75.0	89.7	80.7	60.7	9 C • 7	8C.7	មហ. 7	80.7	90.7	8 n • 7	80.7	80.7	83.7	80.7	80.7
E 1200	01	H1.F	92.7	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
1000	n L	64.6	65.6	85.7	85.7	65.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
9000	ci a	4 . 6	a5.6	85.7	85.7	85.7	85.7	65.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	B5.7	85.7
E 8. Li			27.9	88.3	88.0	£8.C	86.6	68 ·F	88.G	á8.r	98.0	88.0	88.0	88.0	88.0	88.0	88.0
E 7°G			99.1	89.2	89 . 2	89.2	35.	69.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
ยะอ			92.0	90.2	90.2	97.2	95.2	97.3	90.2	90.2	90.2	90.2	90.2	90.2	90•2	90.2	90.2
500	a I .	. O . B	91.4	91.7	91.7	91.7	9:.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
. 45 C			91.8	92.0	92.0	92.0	92.6	92 · G	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
5 40 00			92.9	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
		91.2	93.1	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
1 3 C			9 2 . 2	94.2	94 • 2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
				- 4	0 0	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
E 2500			9 1. 9	94.9	94.9							96.3	96.3	96.3	96.3	96.3	96.3
21.01			74.7	96.5	96.0	96.1	96.1	96.0	96.3	96.3	96 • 3			96.6	96.6	96.6	96.6
196			94.8	96.2	96 • 2	96.3	96.3	96.4	96.6	96.6	96 • 6	96.6	96.6				
15.50			14.5	96.6	96 • 6	96.7	76.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1760	C L 4		95.8	97.4	97.4	97.6	97.€	¥7.7	97.8	97.8	97.8	97.8	97.8	97.8	97-8	97.8	97.8
110			76.6	98.2	98 . 2	99.3	76.3	98.4	98.6	98.6	98.6	99.6	98.6	98.6	98.6	98.6	98.6
		73.7	46.6	98.3	98 • 3	98.4	96.4	4ª .E	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		, 7 . A	76.7	98.4	98.6	99.7	9 h . 7	8 • 69	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
		3.8	96.7	98.4	98 • 7	98.8	98.8	33.0	99.D	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.0
E FLE	01 9	91.8	96.7	98.4	98 • 7	99.8	96.8	98.0	99.0	99.C	99.0	90.0	99.0	99.0	99.0	99.0	99.0
< 00	ST 9	94.3	27.5	99.1	99.4	99.6	99.6	99.9	99.9	99.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9
4 60	21.3	94.0	97.C	99.1	99.4	99.6	99.6	99.8	150.6	100.C	100.6	100.0	100.0	100.0	100.0	100.0	100.0
	ai e	54.C	31.0	99.1	99.4	99.6	99.6	99.5	100.0	100 · C	100.C	100.0	100.0	100.0	100.0	100.0	100.0
7.07	oi s	4.0	27.0	99.1	99 . 4	99.6	99.6	90.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		94.0	7.0	99.1	99.4	99.6	94.6	99.8	100.0	100.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
,	21 9	94.5	97.0	99.1	99.4	99.6	99.6	99.9	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX													OF REC			2100-23	ng	
																	•••••	
	LLING								FILITY									
		r, E	GF.	GE	GE	GĒ	65	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	
		: ^	Ł	5	4		2 172		1 1/2		1		5/8	1/2	5/16	1/4	0	
• •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • •
40	CETL 1	74.1	74.6	74.6	74.6	74.6	74.8	74.0	74.8	74.9	74.6	74.8	74.8	74.8	74.8	74.8	74.8	
ĠΕ	200001	£0.1	95.8	81.3	81.0	61.0	á1.U	81.7	81.0	81.C	81.0	81.0	91.0	81.0	81.0	81.0	81.0	
	180001		26.9	81.1	81.4	61.1	61.1	51.1	81.1	81.1	81.1	81.1	61.1	81.1	81.1	51.1	81.1	
	160001		25.9	81.1	81.1	61.1	01.1	81.1	91.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
	140001		31.9	82.1	62.1	82.1	42.1	52.1	82.1	82.1	22.1	82.1	92.1	82.1	82.1	82.1	92.1	
	120001		A 4.4	94.7	84 . 7	84.7	54.7	04.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	54.7	84.7	
GΕ	100001	85.9	36.7	66.9	86.9	66.9	36.9	56.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
ı, €	90001	61.02	67.C	37.2	67.2	87.2	57 · č	87.2	87.2	67.2	87.2	87.2	87.2	87.2	87.2	67.2	B7.2	
6 F	1000a	£7.7	28.4	88.7	48.7	68.7	80.7	88.7	88.7	88.7	88.7	68.7	88.7	88.7	88.7	88.7	88.7	
úΕ	70001	P.P. 7	89.1	89.3	89.3	89.3	H 5 . 3	89.3	89.3	69.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
ĴĹ	67881	= ° • 6	85.3	89.9	89.9	89.5	89.9	89.9	84.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	69.9	
65	50 00 1	63.2	71.2	91.9	91.9	\$1.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
UE	45.001		91.3	92.0	92.0	42.C	92.0	92.0	92.5	92.C	92 • C	92.0	92.0	92.0	92.0	92.0	92.0	
6.E	40001		97.1	92.5	92.8	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
ű£	35 00 1		72.1	92.8	92.8	92.6	91.8	92.A	92.8	92.8	92.6	92.8	92.8	92.8	92.8	92.8	92.8	
0 E	30 60 1		92.1	92.9	92.9	92.9	¢ ; , ç	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
.,.	30.001			,										,				
IJΕ	25 00 1	91.2	93.0	93.6	93.8	93.9	93.9	94.0	94.C	94.3	94 . C	94.0	94.0	94.0	94.0	94.0	94.0	
úΕ	20.001	92.0	94.1	94.9	94.9	95.C	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
LE	10 լոե	92.4	14.6	95.3	95.3	95.4	95.4	46.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
ιŁ	15601	97.6	74.9	95.7	95.7	95.8	95.8	95.09	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
üε	12501	e2.7	95.2	96.2	96.2	96.3	9 t . 3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
u E	12621	52.F	, 5 . 3	96.3	96.3	95.4	96.4	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
LE		92.9	95.8	96.5	96.9	97.1	97.:	97.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
ù.E		97.2	76.1	97.2	97.3	47.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
ÚΕ		42.4	76.3	97.4	97.6	97.9	97.9	98	98.0	98.C	98 C	99.0	98.0	98.0	98.0	98.0	98.0	
GE		45.5	96.7	97.9	96 . 1	99.7	98.7	98.9	98.9	98.9	98.9	58.9	98.9	98.9	98.9	98.9	98.9	
_																		
υĒ		74.C	97.0	98.2	98 • 7	59.3	95.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
υĒ		,4.^	77.1	98.3	99.0	99.7	95.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
CE		64.0	97.2	98.4	99	59.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
LŁ		94.0	17.6	98.4	99.1	99.6	99.8	100.0	100.0	10C • C	100.0	107.0	100.0	100.0	100.0	100.0	100.0	
6 t	1031	94.0	91.2	98.4	99.1	99.8	99.0	100.0	100.0	100 • C	1000	100.0	100.0	100.0	100.0	100.0	100.0	
υĚ	21	44.0	.1.2	98.4	99.1	3.00	94.8	100.0	-			200.0			100.0		100.0	

PERCENTAGE FARGULNCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFP TX PERIOD OF PECORD: 77-86 MONTH: SEP HOURS (LST) -ALL VISIFILITY IN STATUTE MILES
GE GE GE GE GE
2 1 1/2 1 1/4 1 3/4 5/8 CEILING EE GE GE GE GE C 5 4 3 2 1/2 IN | GE CE FEET | 1C & GE GE 1/2 5/16 GE 1/4 0 . NO CEIL | 67.7 69.0 69.0 68.7 68.8 68.9 68.9 54.9 69.C 69.C 69.0 69.0 69.0 69.0 69.0 69.0 GE 200001 73.6 74.8 74.9 75 . 1 75.1 75.1 75.1 75.1 75.1 75 • 1 75.1 75.1 75.1 75.1 75.1 75.1 CE 1 "CD! 73.F GE 16.00! 73.9 75.1 75.1 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.2 75.3 75.3 75.3 75.4 75.4 75.4 75.4 75.4 75.4 75.2 75.3 75.4 75.4 76.5 75.4 76.5 75.4 GE 145 001 74.9 76.2 76.5 76.3 76.4 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 78.4 6F 120001 76.7 75.1 78.2 78.4 GE 100001 79.3 90.0 81.0 81.2 81.2 ė 1 • 2 81.3 81.3 o 1 · 3 81.3 81.3 81.3 81.3 81.3 81.3 81.3 90001 79.5 80001 81.6 e 1.2 83.3 81.6 83.7 81.7 83.8 81.7 83.E 81.7 83.8 81.7 83.8 LE 81.4 81.6 91.6 81.6 81.7 81.7 81.7 81.7 81.7 ō٤ 83.8 93.4 83.8 83.8 83.8 83.5 33.8 8.83 υ£ 70001 62.3 44.2 84.7 - 4 - 7 64 . 7 84.8 64.8 84.8 84.8 6.F 60001 82.9 84.8 85.2 85.4 45.5 AS. F. 95.5 85.5 85.5 85.5 85.5 85.5 P5.5 A5.5 36.9 36.9 6E 50001 84.3 86.8 67.1 87.1 57.1 67.1 87.2 87.2 A7.2 87.2 97.2 87.2 87.2 45 601 64.7 87.3 87.5 88.7 87.7 89.8 87.7 87.7 88.3 87.7 87.7 88.8 GΕ €7.6 e1.6 87.7 67.7 R7.7 87.7 87.7 A8.7 40.001 85.5 98.E 88.8 85.7 88.8 88.8 8888 89.2 9..3 69.2 92.4 89.3 υE 35 cal 65.8 n 8 . 3 88.8 69.1 89.3 89.2 89.3 89.3 89.3 89.3 30001 56.6 89.9 90.3 GF 90.2 93.4 90.4 90.4 90.4 90.4 9 C . 4 90.4 CF 25 601 87.4 20001 88.3 91.4 91.0 91.3 41.4 91.4 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 92.9 91.5 91.5 92.9 92.9 93.2 CE 92.3 92.6 92.6 92.6 93.1 92.8 92.9 93.2 92.9 92.9 92.9 93.2 92.9 92.9 93.2 92.9 93.2 GΕ 18001 E8.5 71.6 93.ù 93.2 93.2 93.2 93.2 94.2 72.5 94.3 94.3 94.3 94.3 GE 15001 68.9 93.6 94.0 94.2 94.3 94. 3 94.3 94.3 94.3 94.3 12001 69.3 94.9 95.1 95.2 95.1 95.1 95.2 6 E 94.4 95.2 95.2 95.2 95.2 95.2 95.2 10001 89.7 GΕ 94.C 75.1 95 . 6 95.8 95.8 95.9 96.0 96.0 96 • C 96.0 96.0 96.0 96.0 96.0 96.0 9.00 | B.9.8 94.3 SE 95.5 96.2 96.4 96.8 96.8 96.5 96.9 96.5 97.0 96.5 96.5 96.5 97.0 96.5 96.5 97.0 96.5 97.0 96.5 97.0 96.5 97.0 úΕ 9.08 1509 94.€ 95.9 96.6 97.0 97.0 7071 89.9 6001 90.1 97.3 97.3 65 94.8 96.1 96 . d 97.1 97.1 97.2 97.2 97.2 97.3 97.3 97.3 97.3 97.3 95.2 97.8 GE 97.8 96.6 97.5 98.3 98.G 98.0 98.C 91. . 0 98.0 98.0 98.0 98.0 98.0 5001 90.3 97.1 35.5 6E 98.1 98.5 98.5 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 4.01 40.3 95.6 97.2 99.2 99.6 99.7 98.Ł 99.2 L€ 98.4 98.7 98.8 99.2 99.2 99.2 99.2 99.2 94.2 99.2 99.2 99.2 3001 90.3 97.4 99.2 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 2001 90.3 95.7 98.7 99.3 99.6 99.8 LE 97.4 94.3 99.7 99.8 99.8 99.9 99.9 99.9 99.9 1001 90.3 95.7 99.6 99.7 97.4 98.1 99.3 99.5 99.8 99.9 99.9 99.9 99.9 100.0 100.0 01 90.3 97.4 99.3

99.8

99.7

99.8

99.4

99.9

99.9

100.0 100.0

99.9

TOTAL NUMBER OF OBSERVATIONS:

GΕ

98.7

99.3

99.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOUNCY OBSERVATIONS

STATION NUMBER: 702665 STAT			PERIOD OF RECO	HOURS (LST): 0000-0200
CEILING		VISIBILITY IN STATUTE MI		*************************
IN LOS OF GE	GE GE CE	SE GF GE GE	CE CE	GE GE GE
FEET 10 6 5		2 1 1/2 1 1/4 1		1/2 5/16 1/4 0

NO CETE 65.8 67.4 67.5	67.8 67.8 67.8	67.8 67.8 67.8 67.8	67.8 67.8	67.8 67.8 67.8 67.8
6E 200001 75 72.2 72.3	72.6 72.6 72.6	72.6 72.6 72.6 72.6	72.6 72.6	72.6 72.6 72.6 72.6
NE 180001 70.5 72.2 72.3		72.6 72.6 72.6 72.6		72.6 72.6 72.6 72.6
UE 16000 70.4 72.2 72.3		72.6 72.6 72.6 72.6		72.6 72.6 72.6 72.6
GE 140801 71.0 72.6 72.7		73.J 73.G 73.c 73.C		73.0 73.0 73.0 73.0
GE 120001 72.7 74.3 74.4	74.7 74.7 74.7	74.7 74.7 74.7 74.7		74.7 74.7 74.7 74.7
	•			
LE 100001 74.8 76.6 76.7	77.0 77.C 77.G	77.5 77.6 77.0 77.0	77.0 77.0	77.0 77.0 77.0 77.0
CE 90001 74.8 76.6 76.7	77.0 77.0 77.0	77.0 71.0 77.0 77.0		77.0 77.0 77.0 77.0
GE 82031 76.0 77.7 77.8	70.2 78.2 75.2	78.2 78.2 78.2 78.2		78.2 78.2 78.2 78.2
uf 7000 76.7 75.5 78.6	76.9 78.9 78.9	79.9 78.9 78.9 78.9	78.9 78.9	78.9 78.9 78.9 78.9
GE 60001 77.0 78.8 78.9	79.2 79.2 79.2	79.2 79.2 79.2 79.2		79.2 79.2 79.2 79.2
	•			
GE 50001 77.7 79.9 80.0	80.3 80.3 81.3	80.3 80.3 80.3 80.3	80.3 80.3	80.3 80.3 80.3 80.3
OE 45 Cml 79.1 +1.4 81.7	82.2 82.2 82.2	82.3 82.3 82.3 82.3	82.3 82.3	82.3 82.3 82.3 82.3
DE 40001 61.7 64.5 64.9	85.4 85.4 45.4	55.5 85.5 65.5 P5.5	85.5 85.5	85.5 85.5 85.5 85.5
GE 35001 82.9 35.7 86.1	86.6 86.6 36.6	86.7 86.7 86.7 96.7	86.7 86.7	86.7 86.7 86.7 86.7
SE 30001 81.8 36.8 87.3	87.5 88.2 85.2	88.3 88.3 88.3 8g.3	88.3 88.3	88.3 88.3 88.3 88.3
GE 25001 84.7 98.2 88.7	89.2 69.8 89.8	89.9 89.9 89.9 89.9		89.9 89.9 89.9 89.9
GE 20001 85.3 85.0 89.6	96.1 90.6 90.6	90.8 90.8 90.8 90.8	90.8 90.8	90.8 90.8 90.8 90.8
GE 18401 85.6 85.4 89.9	90.4 91.6 91.6	91.1 91.1 91.1 91.1		91.1 91.1 91.1 91.1
GE 15001 65.9 90.2 90.8	91.4 91.9 91.9	92.5 92.0 92.0 92.0	92.0 92.0	92.0 92.0 92.0 92.0
LE 12001 06.9 91.9 92.5	93.1 93.7 93.7	93.4 93.8 93.8 93.6	93.8 93.8	93.8 93.8 93.8 93.8
GE 100gl 57.0 92.5 93.3	94.0 94.5 94.5	94.6 94.6 94.6 94.6	94.6 94.6	94.6 94.6 94.6 94.6
GE 9001 87.1 93.1 94.8	94.6 95.2 95.2	95.3 95.3 95.3 95.3	95.3 95.3	95.3 95.3 95.3 95.3
GE 8001 67.1 93.4 94.7	95.4 95.9 95.9	96.0 96.0 96.0 96.0	96.0 96.0	96.0 96.0 96.0 96.0
GE 7001 87.4 93.9 95.2	95.9 96.5 96.5	96.6 96.6 96.6 96.6	96.6 96.6	96.6 96.6 96.6 96.6
GE 6001 87.4 94.2 95.6	96.3 96.9 96.9	97.2 97.2 97.2 97.2	97.2 97.2	97.2 97.2 97.2 97.2
CE FLC1 67.4 94.6 96.0	96.9 97.6 97.6	98.0 98.1 98.1 98.1	98.1 98.1	98.1 98.1 98.1 98.1
CE 4LC1 87.4 95.1 96.5	97.u 98.6 98.â	99.1 99.2 99.2 99.2		99.4 99.4 99.4 99.4
UE 3001 87.4 95.1 96.5	97.6 98.6 98.8	99.2 99.4 99.4 99.4		99.6 99.6 99.7
DE 2001 57.4 95.2 96.6	97.7 93.6 95.6	99.5 99.6 99.6 99.6		99.9 99.9 99.9 100.0
GE 1001 87.4 95.2 96.6	97.7 98.8 99.C	99.5 99.6 99.6 99.6	99.7 99.7	99.9 99.9 99.9 100.0
GE 01 87.4 95.2 96.6	97.7 98.8 99.0	99.5 99.6 99.6 99.6	99.7 99.7	99.9 99.9 99.9 100.0

PERCENTAGE FREGLENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

S T #	110 N	uма⊵R:	722665	ITATE	ON NAME:	DYLS	S AFE TX					PERIOD MONTH	OF REC		-86 (LST):	330-05	.00
		• • • • •	• • • • • • • •														
	FINC								PILITY								
		GE	E	ĢΕ	ЬF	GE	C.E.	C£	GE	GE	GE	GΕ	GE	GE	GE	GE	GE
FE	ET	10	ŧ.	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
- • •		• • • • •					• • • • • • •		• • • • • •	• • • • • • •							
570	SEC - 1	€ 3 • €	55.4	65.7	65.9	66.2	66.2	66 • 2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
									_	_							
	500001		75.1	70.4	70.6	71.0	71.5	71.0	71.1	71.1	71 - 1	71.1	71.1	71.1	71.1	71.1	71.1
	18050		7 E • 1	70.4	70.6	71.0	71.0	71.0	71.1	71.1	71 • 1	71.1	71.1	71.1	71.1	71.1	71.1
	160001		75.1	70.4	70.6	71.L	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
	140001		76.4	70.8	71.0	71.3	71.3	71.2	71 - 4	71 • 4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GΕ	120001	73.1	71.6	71.9	72 • 2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
c -					-	•		_				_					
	100001		73.5	73.9	74 • 1	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
6 E	97001		73.5	73.9	74 • 1	74.4	74.4	74.4	74.5	74.5	74 - 5	74.5	74.5	74.5	74.5	74.5	74.5
i, E	80001		74.6	75.3	75 • 4	75.7	75.7	75.7	75.8	75.8	75 • €	75.8	75.8	75.8	75.8	75.8	75.8
٥Ł	70001		75.6	76.J	76 • 2	76.6	76.6	76.6	76.7	76.7	76.7	75.7	76.7	76.7	76.7	76.7	76.7
ĢΕ	60.00 L	74.7	75.7	76.1	76.3	76.7	70.7	76.7	76.8	76.8	76 • 8	76.8	76.8	76.8	76.8	76.8	76.8
			•			•••								_			
υE	50.00 [76.2	76.7	76.9	77.2	77.2	77.2	77.3	17.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GΕ	45.001		7ê.1	78.5	78 • 7	79.0	74.5	70.C	79.1	79.1	79 - 1	79.1	79.1	79.1	79.1	79.1	79.1
üΕ	47001		86.4	81.1	81.3	81.6	81.6	81.6	81.7	81.7	R1 • 7	81.7	81.7	81.7	81.7	81.7	81.7
üΕ	35 201		~ 1.7	82.4	82.6	53.J	83.6	53.0	83.1	83.1	P 3 • 1	83.1	83.1	83.1	83.1	83.1	83.1
υŧ	30001	60.2	. 2.9	83.7	83.4	84.3	34.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
υE	25 571	61 7	સ 4 • 8	85.6	85 • a	86.5	P t .5	86.5	85.6	94 4	86.6	86.6	86.6	04 (04.4	٠.,	
ű£	2000		95.9	86.8						86.6				86.6	86.6	86.6	56.6
υE					87.1	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.6
	12.01		66.3	87.2	87.5	89.2	96.2	59.2	80.3	88.3	88 • 3	88.3	88.3	88.3	88.3	88.3	88.3
i,E ∪E	15001		a 7.2	88.1	88.8	89.5	85.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
U E.	12001	93.9	3 3 • 1	89.0	89.9	90.5	96.5	90 •8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
üΕ	10001	e4.6	89.5	90.6	91.6	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GΕ		65.2	95.9	92.0	93.1	93.8	93.6	94.0	94.1	94.1	94 • 1	94.1	94.1	94.1	94.1	94.1	94.1
GE		85.3	91.2	92.5	93.9	94.5	94.5	94.7	94.8	94.8	94 • 8	94.8	94.8	94.8	94.8	94.8	94.8
LΕ		55.7	91.9	93.2	94.6	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
G.E		95.7	92.2	93.4	94 • 8	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.R	95.8
		/	7.1.2	, , , , ,	74.0	, , , ,	/313	, . ·	, , , ,	7310	. 3 . 0	7 . 10	,,,,	,,,,	73.0	, 2 • 8	42.6
ιE	5601	45.7	42.6	93.9	95.4	96.0	96.1	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
υE	4 (21	85.8	42.9	94.2	96 • 2	97.2	97.3	97.5	97.6	97.7	97.8	90.0	98.0	98 an	98.0	98.0	¥8.0
υŁ		35. A	43.1	94.5	97.0	98.3	9 6 • 5	98.9	99.0	99.1	99.4	30.5	99.5	99.5	99.5	99.5	99.6
t.E		65.9	42.1	94.5	97 • U	98.4	98.6	99.2	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
r, ŗ		45 F	9 2. 1	94.5	97.0	98.4	98.6	99.2	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	100.0
SE	^1	£5.8	92.1	94.5	97.0	99.4	98.6	99.2	99.4	99.5	99•E	99.9	99.9	99.9	99.9	•	100.0

PERCENTIOF FREGUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION	NUM	AEP:	722665	STATIO	OR NAME:	DYES	S AFR TX					PEP100	OF REC	ORD: 77	-86		
												MONTH			(LST):		
	• • • •	••••	• • • • • • •	• • • • • •		• • • • •	• • • • • • • •						• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
CEILING									BILITY				_				
11		0E	ĿΕ	C E	GΕ	G E	LF	G E	GE	GE	GE	GE	GΕ	GE	GE	GE	GF _
FEET		1.5	Ł	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	۵
*	• • • •	• • • • •	• • • • • • •	• • • • • •		• • • • •	• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
no cliu	1 5	R _ 4	65.9	63.9	61.2	61.3	61.4	01.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.7
	, ,		0.00	0317	01.2	01.5	0	01.4	5114	0117	0 1 0 4	0	01.4	01.5	01.5	0110	0.4.7
SE 2000	01 6	1.9	54.6	64.7	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.5	65.6
GF 1800	31 6	2.2	54.8	64.9	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.8
uE ibno	oi t	2.2	64.8	64.9	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.8
6E 1400	ėj u	2.8	65.5	65.6	65.9	66.C	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	60.2	66.3	66.5
UF 1266			67.5	67.6	68.4	66.1	66.2	60.2	68 • 2	68.2	68.2	69.2	68.2	68.3	68.3	68.4	68.5
UE 1000	0 I 6	5.6	65.8	69.9	73.2	70.3	70.4	72.4	73.4	70.4	70.4	70.4	70.4	70.5	70.5	70.6	76.8
68 900	2 i 6	5.6	55.8	69.9	76.2	73.3	70.4	72.4	70.4	70.4	73.4	70.4	70.4	70.5	70.5	70.6	7G.8
	ວ່າ		71.6	71.7	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.5	72.6
UE 700			71.5	72.0	72.4	72.5	72.6	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.9
	οi ε		72.9	73	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.6	73.9
0	- , -	•	• • •												• .	• -	
UE 500	21 6	0.0	71.9	74.0	74.3	74.4	14.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7	74.8
	ci 7		7406	74.7	75 - 1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.5	75.6
	C 1 7		77.1	77.3	77.6	77.7	77.6	77.5	78.C	78.C	78 • C	79.0	78.0	78.1	78.1	78.2	78.3
	c i 7		78.3	78.5	78 . 5	79.9	7 > • 6	79.3	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.4	79.5
	Š i 7		n L.	80.5	€3.9	e1.c	01.1	61.1	81.2	al.2	91.2	81.2	81.2	81.3	81.3	81.4	81.5
,				0,	0,000	·	• • • •		,,,,	٠.,٠		V	0	0		• • • •	
GE 2° C	r 7	4 . 5	41.9	82.3	82.6	82.7	82.8	87.6	82.9	82.9	P2.9	82.9	82.9	83.0	83.0	83.1	83.2
5E 20 E	51 7	8.3	H 4 . 1	84.4	54 . 6	84.9	55.1	85 · 1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.5
	ci 7		34.4	84.7	35.2	85.3	64,4	35.4	65.5	85.5	95.5	85.5	85.5	85.6	85.6	85.7	P5.8
	či 7		P 6	86.6	67.1	87.2	87.3	87.3	97.4	87.4	97.4	87.4	87.4	87.5	87.5	87.6	87.7
	9 10		97.3	67.8	86.6	98.9	49.5	89.5	89.1	69.1	R9 1	89.1	89.1	89.2	89.2	89.4	89.5
	- •																
GE 170	al e	1.3	38.5	89.1	90 • 2	90.3	90.4	90.4	93.5	90.5	90.5	90.5	90.5	90.6	90.6	90.8	90.9
UE 90	01 b	1.7	35.7	93.3	91.7	91.8	91.7	91.9	92.C	92.C	92.0	92.0	92.0	92.2	92.2	92.3	92.4
UE PC	31 6	2.3	95.5	91.5	93.1	93.2	97.3	93.3	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.8	93.9
	oi e	2.5	91.5	92.7	74 . 4	94.6	34.7	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.4
DE ES	oi e	2.5	21.7	93.1	¢5.2	95.6	25.7	95.9	96.C	96.C	96 . D	96.0	96.0	96.1	96.1	96.2	96.3
														•	-	-	
GE SS	01 6	2.5	92.0	94.7	46.1	96.7	96.9	97.7	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.5	97.6
GE 9.0	3 I C	2.5	52.4	94.4	97 . u	97.7	96.0	98	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.7	98.8
6E *3	ء او	2.5	12.4	94.4	97.1	97.8	76.1	98.3	98.5	98.5	98.7	99.9	98.9	99.2	99.2	99.4	99.5
SE 26	ાં ક	2.5	92.4	94.4	97.2	48.C	96.2	y P . 4	98.6	98.6	98.8	99.0	99.0	99.4	99.4	99.5	99.6
5E 15	31.8	2.5	1244	94.4	97.2	99.1	98.3	96.5	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	100.0
£ E	31 F	2.5	· 2 • 4	94.4	97.2	99.1	96.3	20.0	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	100.0
• • • • • •	• • • •	••••	• • • • • •	•••••	• • • • • • •	• • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-

· ·						MONTH	: OCT	POURS	(LST):	0900-11	00							
• • •	• • • • • •	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••						• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • •
	LING									IN STATE			<u> </u>		65	65		
1	N I	66 10	CE 6	GE 5	G € 4	GE ,	GE 2 1/2	GE	GE 1 1/2	GE	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE O	
										1 1/4	-	:/4 	_	1/2	5/10			
•••	• • • • • •													•••••		• • • • • • • •	******	
NO	CEIL	58.8	6 C • 4	60.5	60.6	60.6	6 C . 6	60.6	63.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
bΕ	200001	63.4	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	
υE	180001	63.8	55.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65 • 8	65.9	65.9	65.9	65.9	
	160001		65.9	66.0	66.2	66.2	6 t • 2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	
	140001		66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	
GΕ	150901	67.8	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	76.0	
υF	100001	70.0	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	
GΕ	90001	70.0	72.3	72.4	72 • 6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	
υE	60001	71.9	74.3	74.4	74 • 6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	
٤٤	77 201		74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	
LE	90001	73.1	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75•9	75.9	75.9	75.9	76.0	76.0	76.C	76.0	
GE	ED 00 1	70.0	77.C	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77 6	77 6	77 -		77 (77 (77.6	
GE	50001 45001		77.4	77.5	77.7	78 • D	76.0	78.0	78.0	78.D	77.5 78.0	77.5 78.0	77.5 78.0	77.6 78.1	77.6 78.1	77•6 78•1	76.1	
GE	40001		79.9	80.0	80.2	80.4	8 E • 4	80.4	83.4	80.4	80.4	83.4	80.4	80.5	80.5	80.5	8C.5	
GE	35 ca l		9.0	80.9	81.1	81.3	81.3	81.7	81.3	81.3	81.3	81.3	81.3	81.4	81.4	61.4	81.4	
GE.	30001		22.4	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	
UL	3.,001	, , , ,	•••	02.00	UL V 1		2247	000		02.	36 . 7	01.47	020,	03.0	0.7.0			
úΕ	25.00	79.5	83.4	83.7	83.9	84.1	94.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	
6E	25001		95.3	85.5	85 • 7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	
GE	19001	81.5	86.0	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	
GE	15 00	82.7	8.6	88.2	88.4	88.6	88.6	89.6	98.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	
GΕ	15001	84.0	a C • 3	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	
GΕ	10001	8 u . E	91.7	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	
űΕ		85.1	93.0	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	
66		65.3	94.1	95.1	95.4	95.8	95.8	95.5	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	
6£		85.4	94.4	95.7	96 • 2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	
GE		£5.7	94.9	96.3	97.3	97.7	97.7	97.7	98.0	98 C	98 C	99.1	98.1	98.2	98.2	98.2	98.2	
	•																	
GΕ		85.8	95.8	97.3	98 • 3	98.7	96.7	49.7	98.9	98.9	98.9	99.0	99.C	99.1	99.1	99.1	99.1	
GE		65•8	95.9	97.4	98 • 4	98.8	90.6	99.0	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	
LΕ		85.A	95.9	97.4	98.6	99.0	99.6	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	
UΕ		5 E . A	95.9	97.4	98.6	99.0	99.6	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
GE	1601	F5.E	75.9	97.4	98 • 6	99.0	99.0	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
υf	n j	85.P	75.9	97.4	98.6	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
• • •	• • • • • •	• • • • •	• • • • • •	• • • • • • •			•••••						• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • •

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE EMEGUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 77-86 MONTH: OCT HOURSILSTI: 1200-1400 VISIBILITY IN STATUTE MILES
GE GE GE CE IL ING GE 1 GL ŒΕ GE C.E SE GE GE 2 1 1/2 1 1/4 GE GE 3 2 1/2 5 3/4 5/8 1/2 5/16 1/4 0 NO CEIL | (1.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 69.8 6E 200001 68.5 55.8 69.8 69.8 69.8 69.F 69.8 69.8 69.8 69.8 69.8 69.8 69.8 4 Q . A 69.8 70.2 70.4 72.0 73.2 70.2 GE 167001 68.9 GE 167001 69.1 75.2 75.4 70.2 70.4 70.2 70.4 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.4 70.4 70.4 70.4 70.4 70.4 76.4 70.4 70.4 70 . 4 70.4 140001 70.8 72.0 72.0 72.0 72.0 72.0 72.0 GE 120001 71.9 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 75.2 75.2 SE 100001 73.5 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2 90001 73.9 80001 75.5 75.5 77.3 75.5 77.3 75.5 77.3 75.5 77.3 75.5 17.3 75.5 77.3 75.5 77.3 75.5 77.3 75.5 77.3 75.5 7**7.3** 75.5 75.5 75.5 75.5 75.5 űΕ 77.3 77.3 77.3 77.3 77.3 70001 76.0 78.2 υE SE 67401 76.3 78.5 78.6 70.6 78.6 78.6 79.6 78.6 78.6 50001 77.6 80.3 80.3 80.4 8C.4 6J.4 PO.4 87.4 80.4 80.4 80.4 80.4 80.4 GE 45601 78.3 5 (• 9 81.0 81.0 83.7 81.1 83.8 81.1 d1.1 81.1 81.1 91.1 83.8 81.1 91.1 81.1 81.1 61.1 81.1 ٥E 4000| 80.2 3500| 81.1 83.8 84.7 E 3. 3 83.8 83.8 03.8 83.8 83.8 υE 63.6 GΕ 30001 83.4 \$ 7.4 87.6 87.7 87.8 £ 7.8 47.8 P7.8 25 gol 85.3 85.4 89.6 89.7 89.8 89.8 89.8 89.8 89.8 AQ.A 89.8 89.8 AQ.R A9.R A Q . A 91.8 92.0 93.1 91.8 91.8 92.0 91.c 92.j 91.8 91.8 92.0 91.8 92.0 91.8 91.8 5.F 20001 67.2 91.4 91.6 91.7 91.8 91.9 91.8 91.6 92.C 92.0 92.3 92.0 92.C 92.0 CE 18601 87.4 91.8 91.9 92.6 93.1 93.1 1.50 93.1 93.1 93.1 93.1 93.1 94.6 ù.E 12631 89.5 94.6 94.6 54.€ 94.6 94.6 94.6 94.6 10001 90.3 95.9 96.2 96.3 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 97.4 97.7 97.4 97.7 97.4 97.4 9001 90.4 PUDI 90.5 97.4 97.7 97.4 97.7 97.4 97.7 97.4 97.4 97.4 1.F 96.5 97.1 97.3 97.4 97.4 97.4 97.7 97.7 97.7 97.6 GΕ 97.5 97.8 98.2 GE 7001 90.6 97.2 97.6 98.2 98.2 48.2 98.2 94.2 98.2 98.2 98.2 98.2 97.6 95.4 98.8 (,F 6001 91.1 98.3 98.5 98.8 98.0 98.8 98.8 98.8 99.6 5001 91.1 98.0 98.4 99.1 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 49.9 υE 4001 91.2 3001 91.3 98.2 98.6 98.7 99.5 99.9 99.4 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ٥Ē 99.6 100.0 153.6 100.0 7001 91.3 100.0 98.5 98.7 99.6 100.0 100.0 100.C 100.0 100.0 100.7 100.0 100.0 100.0 100.0 100.0 100.0 99.6 100.0 98.3 100.0 100.0 SΕ 1001 91.3 100.0 100.0 143.3 100.5 100.C 100.C 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 21 91.3 SE 96.3 98.7

TOTAL NUMBER OF DESERVATIONS: 93:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION N	UMBER:	722665	STATI	ON NAME:	DYES	ESS AFR TX PERIOD OF RECORD: 77-86 MONTH: OCT HOURS(LST): 1500-1700											
	LING	• • • • • •		•••••	• • • • • • •	• • • • •	•••••	v 15 I	FILITY	IN STATE	ITE MIL	E S	• • • • • •	• • • • • • •	•••••	•••••		
		GE	CE	Gε	GΕ	GE	υE	GE	GE	GE	GΕ	GΕ	GE	GE	GE	GE	G€	
-		:0	t,	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	O	
•••	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	••••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		
NO	CETL I	64.5	65.8	65.9	65.9	55.9	65.4	65.9	65.9	65.9	65•9	65.9	65.9	65.9	65.9	65.9	65.9	
GE	200001	72.9	74.3	74.4	74 . 4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
GΕ	190001	73.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
	160001		74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
	140001		75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GΕ	120001	75.9	71.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
GF.	100001	77.7	75.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
υĒ	90001		79.0	79.7	79 . 7	79.7	74.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
GE	80001	53.9	3 3 . 1	83.2	83.Ź	83.2	83.2	87.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE	76.001	81.0	- 3.2	83.3	23.3	83.3	83.3	93.3	93.3	83.3	93.3	83.3	83.3	83.3	83.3	83.3	83.3	
SE	60 00 I	a 1 • 2	6 3 . 4	83.5	83.5	83.5	85.5	63.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
GE	50001	92.2	34.4	84.5	84 • 6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	64.6	
GΕ	45601	83.2	85.5	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
LE	40001	85.5	à 7.8	89.1	88.2	88.3	a 5 • 3	85.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
υE	35 001	F6.9	85.4	89.6	89.7	89.8	89.8	09.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
Ŀξ	30001	¤7•€	36.5	90.4	90.5	90.6	90.6	9n.8	90.8	90.8	8.00	90.8	90.8	90.8	90.8	90.8	90.8	
SΕ	25 001	88.7	91.7	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE	20001	64.7	92.8	93.6	93.1	93.2	93.2	93.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
ÚΕ	18601	90.1	92.3	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93,9	
GE	15601	90.8	24.2	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
Ŀξ	12001	91.5	95.7	95.9	96 • 0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE	10001	91.9	76.2	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
CΕ		92.3	97.2	97.4	97.6	47.8	97.6	98.5	98.C	98.C	98.0	99.0	98.0	98.0	98.0	98.0	98.0	
(E	9001	92.3	97.3	97.5	97.7	98 . D	98.6	99.1	98.1	98.1	98.1	99.1	98.1	98.1	98.1	99.1	98.1	
GE	7.00 [92.4	97.8	99.1	98 • 4	98.6	96.6	99.0	99.0	99.C	99.C	99.0	99.0	99.0	99.0	99.0	99.0	
GE	6001	92.4	98.3	98.5	98.8	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE	5001	52.4	38.4	98.6	98.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
LE		92.4	98.4	98.6	99.0	99.2	99.2	99.7	47.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
CE		42.€	300€	98.6	99 • 2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GΕ		52.6	98.6	98.8	99.2	69.5	94.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
υE	1001	92.6	98.6	98.8	99.2	99.5	99.5	99.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE	۱ ۵	92.6	98.6	98.3	99 • 2	99.5	94.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	160.0	100.0	

GLOBAL CLIMATOLOGY BRANCH LSAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB						SS AFB TX					PERIOD	OF REC	ORD: 77	-86			
												MONTH	1: OCT	HOURS	(LST):	1800-20	CC
	LING									IN STAT		.ES					
		CE.	GE	GE	GE	GĘ	ű E	GE	GE	GE	GΕ	GE	GE	GE	GΕ	GE	GE
FE	E T 3	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • •		• • • • • •				• • • • •			• • • • • • •								
1.0	CEIL	69.6	76.4	70.4	70 • 4	79.4	76.4	70.4	73.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	200001		76.1	76.1	76 • 1	76.1	76.1	76 • 1	76.1	76.1	76.1	76 • 1	76.1	76 • 1	76 - 1	76.1	76.1
υE	180001	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76 • 5	76.5	76.5	76.5
GE	160001	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE	140001	76.3	71.0	77.G	77.3	77.C	77.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
üΕ	120001	79.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE	100001	79.6	8.28	87.9	80.9	80.9	80.9	85.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
űE	90001	P C + 3	e 1.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
5E	100.76	81.9	83.3	83.4	93.4	83.4	93.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	P 3 . 4
GE	70001		83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	A3.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	60001		93.5	83.7	83.7	83.7	83.7	83.7	63.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
-											324.	•					
GE	50001	e 3 - 7	a 5 • 2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85 • 6	85.6	85.6
üĒ	45.00		36.2	86.3	86 • 5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE	45001		58.3	88.4	86.5	88.6	88.8	88.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	8.38
GE		66.9	98.9	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE		97.8	95.1	90.2	90.3	99.6	96.6	90.6	90.6	90.6	9C.6	90.6	90.6	90.6	90.6	90.6	90.6
0.	3000,			. 5	,,,,,	,,,,		, , , ,	, , ,	,,,,	0.0	,0.0	,,,,	,,,,	, , , ,	,,,,	. • • • •
GE	25 co l	88.9	91.4	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
6E	25 30 1		93.1	93.2	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GΕ	18 60 1		91.2	93.3	93.4	93.8	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
űE		91.2	04.4	94.7	94 • 6	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE		91.7	95.5	95.6	95.9	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
O.L	11001	7	,	,,,,,	,,,,,	,0.5	,,,,		,0.0	,,,,	70.0	,0.0	70.0	70.0	70.0	,040	,,,,
٥E	10001	91.7	96.1	96.5	96 • 6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE		92.0	96.8	97.3	97.4	98.0	98.0	98 • 1	98.1	98 - 1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE		92.0	97.0	97.5	97.8	98.4	90.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GΕ		42.J	97.2	97.7	98 • 1	99.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
65		92.C	77.4	98.1	98 • 4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
O.C		72.6	9104	70.1	70.4	,,,,	,,,,	,,,,,	· · · ·	,,,,	,,,,,	,,,,,	,,,,,	,,,,	,,,,,	,,,,	7741
GΕ	5.001	92.0	97.7	98.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE		92.n	77.7	98.4	98 • 7	99.6		100.0	100.C	100.C	100.0	107.0	100.0	100.0	100.0	100.0	100.0
Uξ		92.0	97.7	99.4	98.7	99.6		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		92.0	97.7	98.4	98 • 7	99.6		100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ű£		92.0	97.7	98.4	98 • 7	99.6		100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0
O.L	* 501	1200		/0.4	40 • 1	,,,,,	,,,,		100.0	100.0	* 1.0 * C	100+0		*00 *0		.00.0	100.0
GE	1	92.0	97.7	98.4	98 • 7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	- · · · •	• •			 -												

PERCENTAGE FREWUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TATION	NUMBER:	72 266 5	STATI	CN NAME:	DYE	SS AFR T	x					OF REC			2100-21	cc
						<i>.</i>									2100-23	•••••
EILING								IBILITY								
	CE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	C
• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	· · · · · · · ·	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
						- 0								~~ ~		
O CEIL	I € 4	70.4	70.6	70.8	70.6	7 C • 6	70.8	70.8	73.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
E 20005	1 74.3	7 5 . 3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
E 18000		75.5	75.7	75 . 8	75.8	75.6	75.8	75.8	75.8	75.8	75.8	75 • 8	75.8	75.8	75.8	75.8
E 16000		75.5	75.7	75 • 8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
E 14000		75.9	76.1	76 • 2	76.2	76.2	76 .2	70.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
E 12540		77.6	77.8	78.0	78.D	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78 • D	78.0	78.0	78.0
							10.00	7.5.0	, 0 , 0	, , , ,		73.0	10.0	, , , ,	,,,,	
E 10000	72.6	75.9	80.1	8G • 2	80.2	8 L • Z	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
E 90 u0	1 79.2	e C. 5	80.8	86.9	80.9	30.9	87.9	80.9	80.9	80.9	80.9	80.9	80.9	90.9	80.9	80.9
	87.3	81.7	81.9	82.0	82.0	8 2 . G	02.3	82.0	82.C	82 . C	87.0	82.0	82.0	82.0	82.0	82.0
	80.9	32.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	92.6	82.6	82.6
	81.C	A 2 • 5	82.7	82.6	82.8	82.8	82.5	8 2 · H	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
• .									02.0	,						
F 5000	1 62.6	34.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
E 45.00	83.9	95.8	86.1	86 • 2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
E 4000	1 85.9	88.5	8.88	89.ü	89.1	59.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
85.00	87.4	95.1	90.4	90.6	90.8	8.ن9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
3040	1 69.1	95.9	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	89.1	92.3	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	97.1	93.1	93.1	93.1	93.1	93.1
2000	1 87.4	3.3	93.5	93.8	94.6	94.0	94.0	94.6	94.0	94.0	94.0	94.D	94.D	94.D	94.D	94.0
1800	1 87.4	93.6	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1500	93.4	74.4	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1200	90.4	74.6	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
1 1 1 0 n	1 90.4	n	05.7	01 5	95.6	95.9	04 0	04 5	0, 6	04 0	04.0	04 0	96.0	n	04.0	0.0
		94.6	95.3	95 • 5			96.0	96.0	96.0	96.0	96.0 97.3	96.0		96.0	96.0	96.0
	90.6	95.9	96.6	96 . 8	97.1	97.2	97.3	97.3	97.3	97.3		97.3	97.3	97.3	97.3	97.3 97.5
	90.6	96.1	96.8	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
	90.8	96.6	97.5	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98 • 5	98.5	98.5
600	90.P	36.6	97.5	98 • 1	98.6	98.7	96.8	98.8	98.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8
1 100	93.P	3€.8	97.7	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	90.9	96.9	97.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
-	97.8	96.9	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	95.8	96.9	97.6	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	93.g	96.9	97.6	98 • 6	99.6	95.9	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • •	4		,											20000		
е с	90.8	96.9	97.8	99.8	99.6	94.9	100.0	100. r	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100-0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION N	AME: DYESS AFR TX		PEPIOD OF RECO	PRD: 77-86 HOURS(LST): ALL	
.,		• • • • • • • • • • • • • • • • • • • •			
CEILING		PILITY IN STATUTE MIL	.ES		
	E GE GE GE	GL G E GE	GE GE	GE GE GE	
FEET 10 6 5		1 1/2 1 1/4 1		1/2 5/16 1/4 0	
	• • • • • • • • • • • • • • • • • • • •	* * * * * * * * * * * * * * * * * * * *	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• •
NO CEIL 64.0 65.4 65.6 65	.7 65.7 65.8 65.8	65.8 65.8 65.8	65.8 65.8	65.8 65.8 65.8 65.8	
GE 200001 69.4 70.9 71.1 71	.2 71.3 71.3 71.3	71.3 71.3 71.3	71.3 71.3	71.3 71.3 71.3 71.3	
	.5 71.5 71.5 71.5	71.5 71.5 71.5	71.5 71.5	71.6 71.6 71.6 71.6	
	.5 71.6 71.6 71.6	71.6 71.6 71.6	71.6 71.6	71.7 71.7 71.7 71.7	
GE 140001 70.5 72.0 72.1 72	.3 72.3 72.4 72.4	72.4 72.4 72.4	72.4 72.4	72.4 72.4 72.4 72.4	
GE 120001 72.2 73.8 73.9 74	.0 74.1 74.1 74.1	74.1 74.1 74.1	74.1 74.1	74.1 74.1 74.2 74.2	
GE 100001 74.1 75.9 76.0 76	.2 76.3 76.3 76.3	76.3 76.3 76.3	76.3 76.3	76.3 76.3 76.3 76.3	
	.4 76.5 76.5 76.5	76.5 76.5 76.5	76.5 76.5	76.5 76.5 76.6 76.6	
	.3 78.3 76.3 79.3	78.4 78.4 78.4	78.4 78.4	78.4 78.4 78.4 78.4	
· · · · · · · · · · · · · · · ·	.6 78.9 70.9 79.9	78.9 78.9 78.9	78.9 78.9	78.9 78.9 78.9 76.9	
GE 60001 76.7 78.9 79.0 79	.2 79.2 79.2 79.2	79.3 79.3 79.3	79.3 79.3	79.3 79.3 79.3 79.3	
GE 50001 77.8 60.1 80.3 80	.5 80.6 80.6 80.6	80.6 80.6 90.6	80.6 80.6	80.7 80.7 80.7 80.7	
UE 4500 78.8 61.2 81.4 81	.6 81.8 81.8 81.8	81.8 81.8 81.8	81.8 81.8	81.8 81.8 81.8 81.9	
	.2 84.4 54.4 64.4	84.5 84.5 84.5	84.5 84.5	84.5 84.5 84.5 84.5	
	.4 85.6 85.6 8°.6	85.6 85.6 85.6	85.6 85.6	85.7 85.7 85.7 85.7	
GE 3000 83.1 66.4 86.7 86	.9 87.1 87.2 87.2	87.2 87.2 87.2	87.2 87.2	87.2 87.2 87.2 87.3	
LE 25.01 64.3 67.9 88.2 88	.5 88.8 88.8 de.8	88.8 88.8 88.8	8 . R 88 . 8	88.8 88.8 88.9 88.9	
GE 20001 85.4 85.3 89.7 90	.D 90.2 9c.3 90.3	90.3 90.3 90.3	90.3 90.3	98.3 98.3 98.4 98.4	
GE 19001 85.7 89.7 90.1 90	.3 90.6 90.6 90.6	90.7 90.7 90.7	90.7 90.7	90.7 90.7 90.7 90.7	
	.7 92.0 92.0 92.0	92.1 92.1 92.1	92.1 92.1	92.1 92.1 92.1 92.1	
GE 12001 87.3 92.2 92.1 93	•1 93.4 93.4 93.5	93.5 93.5 93.5	93.5 93.5	93.6 93.6 93.6 93.6	
GE 10001 57.8 93.1 93.7 94	.2 94.5 94.5 94.6	94.6 94.6 94.6	94.6 94.6	94.7 94.7 94.7 94.7	
GE 9001 68.1 94.2 94.8 95	.3 95.7 95.7 95.8	95.8 95.8 95.8	95.8 95.8	95.8 95.8 95.8 95.8	
GE 8601 88.2 94.6 95.4 96	.6 96.4 96.4 96.5	96.5 96.5 96.5	96.5 96.5	96.5 96.5 96.5 96.6	
GE 703 88.3 95.1 96.0 96	.7 97.1 97.2 97.3	97.4 97.4 97.4	97.4 97.4	97.4 97.4 97.4 97.4	
GE 680 88.4 75.4 96.4 97	.2 97.7 97.7 97.9	98.0 98.0 98.0	98.0 98.0	98.0 98.0 98.0 98.0	
	.7 98.3 98.3 98.5	98.6 98.6 98.6	98.7 98.7	98.7 98.7 98.7 98.7	
	•1 98·8 9E·9 99·2	99.2 99.3 99.3	99.3 99.3	99.4 99.4 99.4 99.4	
	.3 99.6 94.2 99.5	99.6 99.6 99.6	99.7	99.8 99.8 99.8 99.8	
	.4 99.1 99.2 99.6	99.6 99.7 99.7	79.8 99.8	99.9 99.9 99.9	
UE 100 88.5 96.0 97.1 98	.4 99.1 99.2 99.6	99.7 99.7 99.7	99.8 99.8	99.9 99.9 99.9 100.0	
GE 31 89.5 96.0 97.1 96	.4 99.1 99.2 99.6	99.7 99.7 99.7	99.8 99.8	99.9 99.9 99.9 100.0	

PERCENTAGE FREQLENCY OF OCCURPENCE OF CFILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

							S AFR TX					MONTH	: NOV	_	(LST):	0000-02		
		• • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • •							• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		•
	L 146 N	CE	GΕ	Gξ	GE	GE	GE	O E	FILITY GE	GE GE	GE TIF wir	CE	GE	GE	GΕ	GΕ	GE	
FE			i.	 5	U r.		2 1/4			1 1/4	1	3/4	5/8	1/2	5/16	1/4	0.	
		-	_								-		_	• • • • • • •				
•••					• • • • • • •													
40	CEIL	67.6	07.9	67.9	67.9	67.9	67.9	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
ōΕ	200001	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
	160001		71.7	71.7	71 - 7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
ĿΕ	160631	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
	140001		71.9	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
ŗΕ	150001	72.4	72.8	72.8	72 • 8	72.8	72.b	72.6	72.6	72.8	72.8	72 + 8	72.8	72.8	72.8	72.8	72.8	
SE	100001	75.2	75.6	75.6	75.6	75.€	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
6£	97.001	75.2	15.6	75.6	75.6	75.€	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
υE	ac up [77.4	17.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
υĒ	70001	77.7	7 € • 1	78.1	78.1	78.1	70.1	78.1	78.1	78.1	78.1	70.1	78.1	78.1	78.1	78.1	78.1	
υE	60 00 I	77.A	78.2	78.2	76.2	73.2	7 ℃ •2	78 .?	78.2	18.2	78.2	7 ° • Z	78 • 2	78 • 2	78.2	78.2	78.2	
G.E	50001	79.6	a C • 6	83.6	85.6	80.6	A5.6	85.6	89.6	80.6	80.6	80.6	80.6	80.6	85.6	80.6	80.6	
GE	45 621		82.4	82.4	82.4	82.4	÷ 2 • 4	82.4	82.4	82.4	F2.4	87.4	82.4	82.4	82.4	82.4	92.4	
υĒ	40.001		53.1	83.1	83.1	83.1	a3.1	03.1	83.1	83.1	A 3 • 1	83.1	83.1	83.1	83.1	83.1	83.1	
GE	35 60 [5 3.6	53.8	93.8	63.8	83.8	87.8	83.8	8 3 · B	83.8	83.8	83.8	83.8	83.8	83.8	A 3 . B	
Ú.E	35.601		H 4 • 3	84.3	84.3	84.3	64.3	04.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
	25		24.4							<i>5.4.</i> n	0	0.4 1.	0.4 1.	0.6 %		0.6 11	0.6	
CE	25.001		96.4	86.4 87.9	86.4 87.9	86.4 87.9	86.4	86.4	56.4	86.4	86.4	86.4 87.9	86.4	86.4 87.9	86.4 87.9	86.4 87.9	86.4 87.9	
űE.	20001		R 7.9		88.2		# 7 • 9	87.4	97.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	68.2	
GE GE	16 001		88.2	88.2 89.0		88.2 89.0	5 € • Z 8 9 • U	89.0	88.2 89.1	88.2 89.1	98 • 2 69 • 1	89.1	89.1	89.1	89.1	89.1	69.1	
6E	15001		89.C 25.7	90.8	89.J 90.8	90.8	9 L . B	90.8	93.9	93.9	96.9	97.9	90.9	90.9	90.9	90.9	90.9	
OL	1, 4.1	6 T • 6	16.1	7.3.0	70.0	,016	7	¥(; •0	7.3. 7	7.24 7	40.7	7,	75.7	,,,	,00,	,,,,	70.7	
GΕ	10001		96.9	91.C	91.0	91.C	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
6E		89.9	31.9	92.0	92 • 1	92.1	9 4 + 1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
ĢΕ		59.2	72.4	92.6	92.7	42.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	42.9	
ЬĒ		89.3	92.9	93.1	93.3	93.3	93.3	93.3	93.6	43.6	93.6	97.6	93.6	93.6	93.6	93.6	93.6	
C.E.	6.001	69.3	93.3	93.8	94 • 1	94.2	94.2	94?	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE	* cal	89.3	72.3	94.1	95.0	95.1	95.1	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	
GΕ		59.3	93.3	94.6	95.6	95.8	95.8	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	
υE	3631	a9.3	72.3	94.6	95.8	96.6	90.0	96.7	97.6	97.9	96 • 0	98.1	98.1	98.1	98.1	98.1	98.1	
CE		87.3	93.3	94.6	95 ∙8	96.6	96.6	96.8	97.9	98.3	98.4	98.7	98.8	98.9	98.9	99.0	99.0	
GΕ	1631	59.7	0 2.4	94.7	95.4	96.7	46.1	96.9	98 € €	98.4	98.6	98.9	99.2	99.8	99.8	160.0	100.0	
GE	21	99.3	91.4	94.7	95.9	96.7	46.1	96.9	98.0	98.4	98.6	98.9	99.2	99.8	99.8	100.0	100.0	

SLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREWLENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

ST	TION N	U⊭BEF:	722665	STATI	ON NAME:	DYES	S AFB TX					PE P 100	OF REC	ORD: 77	-86		
												HONTH				0300-05	
	ILING	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••		HILITY				• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	[N	5Ł	CE	GΕ	GE	GE	65	CF	GE	SE SE	GE	GE	GΕ	GE	GE	GE	GE
	ET I		6	5	4		2 1/2		1 1/2	_	1	3/4	5/8	1/2	5/16	1/4	0.
											-			_		-	
																•	
NO	CEIL	55.7	o t • 2	66.2	66.3	66.4	1.6.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
€.E	200401	63.5	65.3	69.3	69.4	69.6	64.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
ú£	150001	63.9	69.4	69.4	64.6	69.7	69.7	69.8	69.B	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9
ù F.	167001	69.0	69.6	69.6	69.7	69.6	65.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
üΕ	140601	63.5	55.6	69.6	64.7	67.8	6 • ₹ 0	63.3	59.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
üΕ	137001	64.0	72.4	73.4	70.6	70.7	1-1	70.5	73.8	73.8	70.€	77.8	70.8	70.8	79.9	70.9	70.9
GE	100001	71.9	72.3	72.3	72.4	72.t	72.6	12.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
üξ	90001	72.3	72.5	72.9	ت • 73	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
υE	e:371	74.7	75.2	75.2	75 . 3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
SE	70001	74.7	75.2	75.2	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
ĢΕ	9C no 1	15.7	75.8	75.5	75.9	75 • L	7 t .L	76 - 1	76.1	76.1	76.1	76 . 1	76.1	76 • 1	76.2	76.2	76.2
υŧ	50,001	77.1	· 7. e	77.5	77.5	79.6	76.0	79.1	79.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
5. E	4: 011	74.2	79.0	79.3	74.1	79.3	77.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6
, į	4 ,031	19.1	-2.0	ოე.ა	60.2	A () . 4	8 C . 4	aC .6	80.6	80.6	80.6	87.6	80.6	80.6	80.7	80.7	8 D • 7
1.1	31 451		5C.7	80.7	83.9	81.1	81.1	51.2	81.2	51.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
11	30,501	F 7 • 1	- 1.4	81.4	81.7	61.9	81.9	62.ef	8 2 . C	95.5	82.0	82.0	82.0	82.0	82.1	82.1	82.1
6.5	25 001	12.3	17.4	e 3 . 6	83.8	84.C	H 4 . C	84 . 1	84.1	84.1	84.1	84.1	84.1	94.1	84.2	84.2	84.2
υĒ	ลัก ผูต I	64.7	36.0	86.	36.4	86.7	bt.7	8f. • 8	85.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
uŁ	14501		rt.2	86.4	86.7	86.4	# E . Y	67.3	97.0	67.C	87.C	87.0	87.0	87.0	97.1	87.1	87.1
üŁ	15001	P6. !	17.9	68.1	50.8	69.5	89.0	60.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
ωF	12001	e 7 . 1	9 5 . 7	87.9	95.6	47.4	50.0	91.0	91.C	91 + C	91.0	91.0	91.0	91.0	91.1	91.1	91.1
υĒ	11.601	27.3	12.3	90.6	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
(, E	9201	67.3	9.1 - 1	91.4	42.1	92.4	94	92.5	92.6	52.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
GF	8 col	57.4	11.6	41.9	92.6	92.9	92.9	93.5	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
61	7001	57.4	1.7	92.2	93.2	93.9	93.9	94	94.0	94.C	94.0	94.0	94.0	94.0	94.1	94.1	94.1
i. E	£ 00 1	F7.4	91.8	92.4	93.6	94.3	94.5	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
0,€	5.001	87.7	42.1	93.1	94.7	94.6	45.6	45.7	95.8	95.8	95.5	91, , 9	95.9	95.9	96.0	96.0	96.D
uE	4001	57.7	7.7 • 1	93.5	95.1	46.3	90.3	95.4	76.8	96 . R	97.2	97.2	97.2	97.2	97.3	97.3	97.3
ĢΕ		+1.7	72.1	93.4	95.4	97.0	97.5	97.3	97.9	47.9	98.3	99.3	98.3	98.3	98.4	98.4	98.4
. E		n 1 . 7	92.1	93.4	95 • 4	47.U	47.5	47.4	98.3	98.3	99.0	39.5	99.4	99.6	99.7	99.7	99.7
J.	1 0m i	""."	12.1	93.4	55.4	97.0	97.0	97.4	99.3	98.3	95 • C	99.3	99.4	99.6	99.8	100.0	100.0
υŧ	5.1	F 7 . 7	52.4	9 5 . 4	95.4	97.C	97.0	97.4	98.3	98.3	99.0	99.3	99.4	99.6	99.8	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 77-86
MONTH: NOV HOURSILSTI: D600-0800

CELLING IN AL CF GE GF GE GE GE GE GE G													MONTH			(LST1:		
The			• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••						• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
## A S			1.5	CE	G.E	1.5	G.F.	r, F						6.6	C.F.	G.F.	C.E	G.F.
NO CETU 59.7																		
NO CEIL 59.7 66.8 60.7 61.1 61.1 61.1 61.1 61.2 61.2 61.2 61.2 61.2 61.3 61.3 61.4 61.4 61.4 61.6 66 20000 63.0 65.4 65.6 65.8 65.9												_						
6t 200C0 63.C 65.4 65.6 65.8 65.6 65.8 65.8 65.8 65.8 65.9 65.9 65.9 65.0 66.0 66.0 66.0 66.1 66.1 66.2 6t 18CC1 63.C 65.4 65.6 65.8 65.8 65.8 65.8 65.9 65.9 65.9 65.9 65.0 66.0 66.0 66.0 66.1 66.1 66.1 6t 18CC1 63.C 65.6 65.7 65.9 65.9 65.9 65.9 65.9 65.9 65.0 66.0 66.0 66.0 66.1 66.1 6t 18CC1 63.C 65.6 65.7 65.9 65.9 65.9 65.9 65.9 65.0 66.0 66.0 66.0 66.1 66.1 6t 18CC1 63.C 65.6 65.7 65.9 65.9 65.9 65.9 65.9 65.9 65.0 6t 18CC1 63.C 65.6 65.7 65.9 65.9 65.9 65.9 6t 18CC1 63.C 65.6 65.7 65.9 65.9 65.9 6t 18CC1 65.0 65.0 66.7 66.9 6t 18CC1 65.0 66.0 66.0 66.0 6t 18CC1 65.0 65.0 66.7 6t.0 66.0 66.0 66.0 6t.0 66.0 66.0 66.0 6t.0 •																		
LE 18CC] 63.C 65.4 65.6 65.8 65.8 65.8 65.8 65.8 65.8 65.8	NO	CEIL	59.5	65.8	60.9	61.1	61.1	01.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.6
LE 18CC] 63.C 65.4 65.6 65.8 65.8 65.8 65.8 65.8 65.8 65.8																		
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GE 9 Tuck 65,0 68,7 66,8 68,9 68,9 68,9 68,0 68,0 68,0 68,0 68,0 69,0 68,0 69,0 69,0 69,0 69,0 69,0 69,0 69,1 69,1 69,2 69,2 69,3 EE 60 COI 69,2 72,4 72,4 72,4 72,4 72,4 72,6 72,6 72,7 72,7 72,7 72,7 72,7 72,7 72,7 72,8 72,8 72,8 72,8 72,8 72,9 72,9 72,9 73,0 73,0 73,0 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,0 73,0 73,0 73,0 73,0 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,0 73,0 73,0 73,0 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 <	GΕ	127601	63.9	5 € • 6	66.7	66.7	66.9	6t.9	06.03	67.C	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.5
GE 9 Tuck 65,0 68,7 66,8 68,9 68,9 68,9 68,0 68,0 68,0 68,0 68,0 69,0 68,0 69,0 69,0 69,0 69,0 69,0 69,0 69,1 69,1 69,2 69,2 69,3 EE 60 COI 69,2 72,4 72,4 72,4 72,4 72,4 72,6 72,6 72,7 72,7 72,7 72,7 72,7 72,7 72,7 72,8 72,8 72,8 72,8 72,8 72,9 72,9 72,9 73,0 73,0 73,0 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,0 73,0 73,0 73,0 73,0 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,0 73,0 73,0 73,0 73,1 73,1 73,1 73,1 73,1 73,1 73,1 73,1 <	, ,	100.01		46 1	66 11	60 7	40 7	4.5.7	(27	400	0	4 D D	400	43.0	400	40.0	40.0	40 1
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5E 6 000 69.6 72.4 72.6 72.8 72.8 72.8 72.8 72.8 72.9 72.9 72.9 73.0 73.0 73.0 73.0 73.1 73.1 73.2 6E 5 00 70.9 72.9 74.0 74.5 74.3 74.3 74.3 74.3 74.4 74.4 74.4 74.4																		
CE S CG 70.9 72.9 74.0 74.3 74.3 74.3 74.3 74.4 74.4 74.4 74.6 74.6 74.6 74.7 74.7 74.8 GE 45 CT 77.9 75.3 75.4 75.0 75.8 75.0 75.8 75.9 75.9 75.9 76.0 76.0 76.0 76.1 76.1 76.2 GE 40 GT 72.9 76.4 76.6 76.9 76.9 76.9 76.9 77.0 77.0 77.0 77.1 77.1 77.1 77.2 77.2 77.3 GT 76.0 76.1 76.1 76.1 76.2 76.3 77.8 77.8 77.8 77.8 77.9 77.9 77.9 77.0 77.0 77.0 77.1 77.1 77.1 77.2 77.2 77.3 77.8 77.8 77.9 77.9 78.0 76.0 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.2 76.3 76.7 78.7 76.7 76.7 76.7 77.7 77.7 77.7 77.8 77.8 77.8 77.9 77.9 77.9 78.0 76.0 76.1												-						
GE 45CO 72.0 72.0 75.3 75.4 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.7 75.0 75.9 75.9 75.9 75.0 76.0 76.0 76.0 76.1 76.1 76.2 76.2 76.0 76.0 76.0 76.0 76.0 76.1 76.1 76.2 76.2 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	., _	0 20,	30		. 2 •0	,,,,	, , , ,		•		12.	14 17	1 1 6 3	, , , ,	. 343	. 341		. 3.1
GE 45CO 72.0 72.0 75.3 75.4 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.7 75.0 75.9 75.9 75.9 75.0 76.0 76.0 76.0 76.1 76.1 76.2 76.2 76.0 76.0 76.0 76.0 76.0 76.1 76.1 76.2 76.2 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	ĿΕ	57 63 1	70.9	71.9	74.0	74.5	74.3	74.3	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.8
UE 42LG 72.9 76.4 76.6 76.9 76.9 70.9 76.9 77.0 77.0 77.0 77.1 77.1 77.2 77.2 77.6 77.0 77.7 77.7 77.8 77.8 77.8 77.9 78.0 77.9 78.0 77.0 77.7 77.7 77.7 77.8 77.8 77.8 77.9 78.0 77.0 77.7 77.7 77.8 77.8 77.8 77.9 78.0 77.0 77.7 77.7 77.7 77.8 77.8 77.9 78.0 77.0 77.0 77.7 77.7 77.8 77.8 77.9 78.0 78.9 78.9 78.9 77.0					_													
UE 35 CO 73.6	υĿ						76.4											
GE 25,001 76.1 75.8 80.1 60.4 80.4 80.4 80.6 80.6 80.7 80.7 80.8 80.8 80.9 GE 25,001 78.6 52.4 82.6 83.2 67.2 63.3 83.3 83.4 43.4 63.4 83.6 83.6 83.7 83.8 83.8 83.8 83.8 83.7 83.8 83.8 83.8 83.9 83.9 84.0 66.2 61.0 61.0 61.0 61.0 61.0 61.0 61.0 61.0 80.8 83.8 83.8 83.9 83.9 84.0 66.2 61.0	ŭ.E			77.1	77.2											77.9	77.9	
GE 2700 78.6	υĘ	30.001	74.7	78.2	79.3	78 • 7	78.7	7 6 . 7	74.7	76.8	76.9	78.8	78.9	78.9	78.9	79.0	79.0	79.1
GE 2700 78.6																		
GE 18CO1 79.8 42.7 83.0 83.4 83.4 83.6 83.7 83.7 83.7 83.8 83.8 83.8 83.9 83.9 84.0 CE 15CO1 67.6 34.6 85.1 85.7 85.8 85.9 85.9 85.9 86.0 86.0 86.0 86.1 86.1 86.2 CE 12CO1 82.1 47.6 88.0 88.6 88.6 88.7 88.8 88.8 88.8 88.9 89.0 89.0 89.1 CE 12CO1 82.1 47.6 88.0 89.1 89.8 89.8 89.8 90.9 90.9 90.1 90.1 90.1 90.2 90.2 90.2 90.3 90.3 90.4 66.0 86.0 86.0 86.0 86.0 86.0 86.0 89.1 89.0 89.1 89.0 89.1 89.8 89.8 89.8 89.8 90.9 90.9 90.9 90.9	UΕ	25001	76.1	75.8	8C • 1	60.4	გე.4	8 L • 4	80.4	87.6	80.6	6.09	80.7	90.7	80.7	80.8	8.08	80.9
CE 15 CO 87.6 34.8 85.1 85.7 85.7 85.8 85.9 85.9 85.9 86.0 86.0 86.0 86.0 86.1 86.1 86.2 LE 12 CO 82.1 47.6 88.0 88.6 88.6 88.6 88.7 88.8 88.8 88.8 88.8 88.9 88.9 88.9 89.0 89.1 CE 10 CO 82.3 43.7 89.1 89.8 89.8 90.0 90.7 90.1 90.1 90.1 90.2 90.2 90.2 90.3 90.3 90.4 CE 5 CO 82.6 85.3 89.9 90.6 90.6 90.8 90.9 90.9 90.9 91.0 91.0 91.0 91.0 91.1 91.1 CE 8 CO 82.7 15.8 90.4 91.3 91.4 91.7 91.7 91.8 91.9 91.8 91.9 91.9 91.9 91.9 92.0 92.0 92.1 CE 7 CO 82.7 90.1 90.9 91.8 92.0 92.2 92.3 92.4 92.4 92.4 92.4 93.6 93.6 93.7 CE 10 82.7 90.1 90.2 93.6 94.2 94.0 94.8 94.9 94.9 95.2 95.3 95.3 95.3 95.4 93.6 93.6 CE 10 82.9 91.4 92.8 94.6 95.3 95.7 96.0 96.1 96.1 96.7 96.8 96.8 96.9 97.0 97.0 97.1 CE 10 82.9 91.4 93.2 95.2 96.1 96.4 96.9 97.2 97.2 97.2 97.2 97.2 97.2 97.3 99.3 99.7 99.8 99.8 100.0 CE 10 82.9 91.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 CE 10 82.9 91.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 CE 10 82.9 91.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 CE 10 82.0 83.0 83.6 85.7 85.7 96.0 96.1 96.1 96.7 96.8 96.8 96.9 97.0 97.0 97.1 CE 20 82.0 82.0 83.0 83.9	υE.	20001	78.6	52.4	82.6	83.2	87.2	63.3	83.3	83.4	03.4	03.4	83.6	83.6	83.6			83.8
GE 12001 c2.1 47.6 68.0 98.6 98.6 98.7 68.7 88.8 88.8 88.8 88.9 88.9 88.9 89.0 89.0 89.0 89.1 GE 1000 82.3 38.7 89.1 89.8 59.8 90.0 90.7 90.1 90.1 90.2 90.2 90.3 90.3 90.4 GE 501 87.6 85.3 89.9 90.4 90.8 90.8 90.9 90.9 90.9 91.0 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.0 91.1 91.1 91.1 91.1 91.2 91.0 91.0 91.1 91.1 91.2 91.0 91.0 91.1 91.1 91.2 91.0 91.0 91.1 91.1 91.2 92.0 92.0 92.1 92.0 92.0 92.1 92.0 92.0 92.1 92.0 92.6 92.6 92.6 92.6 92.6 <td>GΕ</td> <td></td> <td></td> <td>12.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>A3.7</td> <td>83.8</td> <td>83.8</td> <td>83.8</td> <td>83.9</td> <td>83.9</td> <td>84.0</td>	GΕ			12.7								A3.7	83.8	83.8	83.8	83.9	83.9	84.0
GE 1000 80.3 28.7 89.1 89.8 89.8 90.0 90.0 90.1 90.1 90.1 90.2 90.2 90.2 90.3 90.3 90.4 GE 800 82.7 19.8 90.4 91.3 91.4 91.7 91.7 91.8 91.8 91.8 91.9 91.0 91.0 91.0 91.1 91.1 91.2 GE 700 82.7 96.1 90.9 91.8 92.0 92.2 92.3 92.4 92.4 92.4 92.6 92.6 92.6 92.7 92.7 92.8 GE 700 82.7 96.1 90.9 91.8 92.0 92.2 92.3 92.4 92.4 92.4 93.4 93.4 93.4 93.4 93.4 93.4 GE 700 82.7 91.4 92.0 93.1 93.2 93.3 93.3 93.3 93.3 93.3 93.4 93.4 93.4 93.4 93.4 93.4 GE 100 82.9 91.4 92.0 93.6 94.2 94.0 94.5 94.9 94.9 94.9 95.2 95.3 95.3 95.3 95.4 GE 400 62.9 91.4 92.0 94.6 95.3 95.7 96.0 96.1 96.1 96.7 96.8 96.8 96.9 97.0 97.0 97.1 GE 100 82.9 91.4 93.2 95.2 96.1 96.9 97.2 97.2 97.2 97.9 98.0 98.0 98.1 98.2 98.2 98.3 GE 100 82.9 91.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 GE 100 62.9 61.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 GE 100 62.9 61.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 GE 100 62.9 61.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 GE 100 62.9 63.4 6					-													
GE 5001 82.6 85.3 89.9 90.4 91.8 90.8 90.8 90.9 90.9 90.9 91.0 91.0 91.0 91.1 91.1	üŁ	12 60 1	e2.1	97.6	88.3	98.6	88.6	96.7	88.7	8.88	88.8	8 • 8	80.0	88.9	88.9	89.0	89.0	89.1
GE 5001 82.6 85.3 89.9 90.4 91.8 90.8 90.8 90.9 90.9 90.9 91.0 91.0 91.0 91.1 91.1																		
GE 8CC 62.7 49.8 90.4 91.3 91.4 91.7 91.8 91.8 91.8 91.9 91.9 91.9 92.0 92.0 92.1 92.5 92.4 92.4 92.4 92.4 92.6 92.6 92.6 92.6 92.7 92.7 92.8 92.6 601 62.7 91.4 92.8 92.9 93.1 93.2 93.3 93.3 93.3 93.4 93.4 93.4 93.4 93.4																		
GE 7001 62.7 91.4 92.6 92.6 92.7 93.1 93.2 93.3 93.3 93.3 93.4 93.4 93.4 93.4 93.6 93.6 93.7 92.7 92.8 92.6 92.6 92.7 92.7 92.8 92.8 92.6 92.6 92.7 92.7 92.8 93.7 92.7 92.8 93.7 93.8 93.8 93.8 93.8 93.8 93.8 93.4 93.4 93.4 93.6 93.6 93.7 92.7 92.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93											-							
OF FOOL 62.8 9C.7 91.4 92.6 92.9 93.1 93.2 93.3 93.3 93.3 93.4 93.6 93.6 93.6 93.6 93.7 6E 4021 62.9 71.4 92.8 74.4 95.3 95.3 95.7 96.0 96.1 96.1 96.1 96.1 96.1 96.1 96.9 97.2 97.2 97.2 97.2 97.2	-																	
6E 1001 F2.9 91.0 92.0 93.6 94.2 94.6 94.8 94.9 94.9 95.2 95.3 95.3 95.3 95.4 95.4 95.6 95.6 4001 62.9 91.4 92.8 94.6 95.3 95.7 96.0 96.1 96.1 96.1 96.7 96.8 96.8 96.9 97.0 97.0 97.1 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1																		
GE 4001 62.9 71.4 92.6 94.6 95.3 95.7 96.0 96.1 96.1 96.1 96.8 96.8 96.9 97.0 97.0 97.1 CE 5501 87.9 91.4 93.2 95.2 96.1 76.4 96.9 97.2 97.2 97.2 97.9 98.0 98.1 98.2 98.2 98.3 GE 1001 87.9 71.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 97.1 99.3 99.7 99.8 100.0 GE 1001 87.9 61.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 100.0	31	1 601	82.4	96.7	A 1 "A	92.0	45.4	42.1	92.42	47.7	42.3	43.3	45.4	43.4	73.4	42.0	93.0	93.1
GE 4001 62.9 71.4 92.6 94.6 95.3 95.7 96.0 96.1 96.1 96.1 96.8 96.8 96.9 97.0 97.0 97.1 CE 5501 87.9 91.4 93.2 95.2 96.1 76.4 96.9 97.2 97.2 97.2 97.9 98.0 98.1 98.2 98.2 98.3 GE 1001 87.9 71.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 97.1 99.3 99.7 99.8 100.0 GE 1001 87.9 61.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 100.0	£. £	5.501	67.0	21.0	97.7	91.6	64.2	94.4	94.4	94.0	94.0	95.2	95.1	95. 1	95. 7	95.4	95.4	95.6
CE 300 82.9 91.4 93.2 95.2 96.1 96.4 96.9 97.2 97.2 97.9 98.0 98.0 98.1 98.2 98.2 98.3 GE 200 F2.9 91.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 GE 100 C2.9 91.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0	_								-									
UE 1031 F2.9 31.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0 UE 1031 c2.9 41.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0									_									
DE 1USÎ c2.9 41.4 93.2 95.3 96.2 96.7 97.2 97.7 97.9 98.9 49.1 99.3 99.7 99.8 99.8 100.0				-			-											
UE 01 82.9 21.4 93.2 95.4 96.2 98.7 97.2 97.7 97.9 98.9 99.1 99.3 99.7 99.8 99.8 100.0	_			•							· · ·	_			•	•		= = =
the transfer of the test to the transfer transfer that the transfer transfe	IJΕ	ĉ l	62.9	21.4	93.2	95.3	96.2	9€.7	97.2	97.7	97.9	98.9	99.1	99.3	99.7	99.8	99.8	100.0
	• • •				• • • • • •							• • • • • •	• • • • • • •		• • • • • •	• • • • • •		

FOTAL GUMBLE OF ORSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

							S AFR T					MONTH		FOURS	(LSTI:	0930-11	
	IL IN 6			• • • • • • •	• • • • • •		•••••		SILITY					• • • • • • •	• • • • • •		•••••
F	IN I	SE SE	€E	G E 5	GE 4		2 1/2	6 £	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	Ģ€ 5/8	GE 1/2	G€ 5/16	GE 1/4	30 0
	CEIL 1		56.2	56.6	56.6	55.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
	230031		65.2	65.6 65.8	65 • 6 65 • 8	65.6 65.8	65.6 65.8	65.6 65.8	65.6 65.8	65.6 65.8	65.6 65.6	65.6 65.8	65.6 65.8	65.6 65.8	65.6 65.8	65.6 65.8	65.6 65.8
υE	15000 14000	€5.3	6 5 • 6	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7
	100001		67.4	67.8	67.8	67.8	67.8 64.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
uE GE	90001	67.9	55.2	69.6	69.6 71.3	69.6	69.6 71.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6 71.3	69.6
GE GE	7:001 6:001	72.2	71.6 71.9	71.9 72.2	71 • 9 72 • 2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2
GE GE	50001 45001		72.6 74.0	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3	72.9 74.3
6.E 6.E	40 00 l 35 00 l	73.3	75.2	75 •8 76 •4	75 • 8 76 • 4	75.6 76.4	75.6 76.4	75 • 8 76 • 4	75.9 76.4	75.8 76.4	75.8 76.4	75 • 8 76 • 4	75.8 76.4	75.8 76.4	75 · 8 76 · 4	75.8 76.4	75.8 76.4
ί£	30 00 1	74.6	76.8	77.3	77.3	77.3	77.3	77.3	77 • 3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
SE SE	25 00 l 20 00 l 19 uo l	76.8	78.1 31.1 92.6	78.7 81.9 83.4	78 • 7 82 • 0 83 • 6	78.7 82.0 83.6	79.7 82.0 83.6	79.7 82.3 83.6	73.6 82.1 93.7	78.8 82.1 83.7	78 • 6 82 • 1 83 • 7	78 • 8 8 2 • 1 8 3 • 7	78.8 82.1 83.7	78.8 82.1 83.7	78.8 82.1 83.7	78.8 82.1 83.7	78.8 82.1 83.7
9.E	15 00 l	81.1	93.7 96.3	84.6	84 • 7 87 • 4	84.7 87.4	84.7 87.4	84.7	84.8 P7.6	84.8	84.8 87.6	84.8 87.6	84.8 87.6	84.8 87.6	84.8 87.6	84.8 87.6	84.8 87.6
3¢	1000		a 8 • 3	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
5ξ 5ξ υξ	8 001	85.3 85.6 85.7	89.7 90.6 91.0	91.3 92.3 92.9	91.4 92.4 93.1	91.6 92.7 93.3	91.6 92.7 93.4	91.6 92.7 93.4	91.7 92.8 93.6	91.7 92.8 93.6	91.7 92.8 93.6	91.7 92.8 93.6	91.7 92.6 93.6	91.7 92.8 93.6	91.7 92.8 93.6	91.7 92.8 93.6	91.7 92.8 93.6
30		25.7	91.3	93.2	93.8	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE GE	4 331	85.8 85.8	92.0 92.2	94.0 94.2	94 • 7 95 • 1	95.2 95.7	95.3 95.9	95 • ? 96 • 1	95. 9 97. 0	95.9 97.0	96.C 97.4	96.1 93.0	96.1 98.0	96.1 98.1	96.1 98.1	96.1 98.2	96.1 96.2
UE UE	2001	85.8 85.8 85.8	92.2 92.2 92.2	94.2 94.2 94.2	95 • 1 95 • 1 95 • 1	95.9 95.9 95.9	96.1 96.1 96.1	96.3 96.4 96.4	97.2 97.6 97.6	97.4 97.9 97.8	98.0 98.6 98.6	98.8 99.3 99.3	98.8 99.3 99.3	99.1 99.7 99.7	99.1 99.7 99.9	99.2 99.8 100.0	99.2 99.8 100.0
UE UE		55.P	92.2	94.2	95 • 1	95.9	96.1	96.4	97.6	97.8	98.6	99.3	99.3	99.7		100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STA	TION N	Ս ԻՐԵՐ:	722665	STATI	ON NAME.	: DYES	S AFB TX					PEPIOD	OF REC	ORD: 77	-86			
												MONTH				1200-14	CC	
	L I % 6	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		BILITY				• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••••	•
		GE	Œ	Gε	GE	GΕ	υE	6 E	GE	GE	GE	GE	GΕ	GE	GE	GE	GE	
		10	É	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥	
• • •	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • •	•
NO	CEIL I	59,3	65.3	60.3	6C • 3	60.3	60.3	60.3	63.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
GE	200 401	68.3	65.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
٥E	180001	69.7	76.3	70.0	70.0	70.C	7 C • G	70.0	70.0	70.C	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
٥E	160001	69.5	75.1	70.1	76 - 1	70.1	76.1	70.1	70.1	70.1	70.1	70.1	73.1	70 • 1	70.1	7C-1	76.1	
SΕ	140001	70.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
ĹĘ	120001	72.€	74.€	74.0	74 • C	74.0	74.0	74.3	74.C	74.C	74.0	74.0	74.C	74.0	74.0	74.0	74.6	
ь£	100001	74.3	75.8	75.8	75.8	75.8	75.8	75.3	75.8	75.8	75 . 8	75.8	75.8	75.8	75.8	75.8	75.8	
ĈΕ	90 301		76.2	76.5	76 • 0	76 · C	76.0	76.5	76.0	76.C	76 . C	76.0	76.0	76.0	76.0	76.0	76.0	
GΕ	80001		76.7	76.7	76 • 7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
úΕ	70001		76.7	76.7	76 . 7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76 • 7	76.7	76.7	76.7	
GE	60001		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
úΕ	shaat	76 2	77.8	77.8	77.6	77.6	77.5	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
6 E	45 501		78.7	78.7	78.7	79.7	7 = .7	78.7	78.7	78.7	78 • 7	78.7	78.7	78.7	78.7	78.7	78.7	
33	40601		79.7	79.7	79.7	79.7	75.7	77.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
Ú F	35 401		45.4	90.4	80.4	80.4	86.4	65.4	80.4	80.4	90.4	80.4	80.4	80.4	80.4	80.4	8 D • 4	
υ£	30.001		a 2 • D	82.0	62.0	82 · C	3.26	62.0	82.0	82.C	82 · C	82 D	82.0	82.0	82.0	82.0	82.0	
SE	25 651	51.7	31.8	83.6	63.3	83.8	43.8	83 ⋅ 6	83.8	8.86	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE	20001	84.0	46.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	€6.2	
GΕ	10001	64.7	26.5	86.9	80.9	86.4	97.0	0 7 • ث	87.C	87.C	87.C	87.C	87.0	87.0	87.0	87.D	87.0	
GΕ	15.001		9 S . C	89.0	89.	89.C	89.1	89.1	87.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
6€	12001	63.2	46.9	91.5	91.0	91.0	71.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
ōΕ	10001	89.7	92.1	92.6	32.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
CE	9 001	9.0	92.8	93.2	93.2	93.4	93.7	97.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE	6001	89.3	23.4	93.9	94.0	94.2	94.4	44.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
6E	7001	69.4	54.0	94.6	94.7	94.9	95.1	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	
UΕ	6.001	4.00	34.4	95.0	95 • 1	95.4	45.7	95.9	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	
68	5 401	<u>ي</u> و. 4	94.9	95.8	96.1	96.4	90.8	97.2	97.3	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	
úΕ		P9.4	94.9	95.8	46.2	96.6	96.9	97.2	97.7	97.8	98.0	48.6	98.7	98.8	98.8	98.9	98.9	
ίĒ		84.4	.4.9	95.8	76.5	96.7	97.0	97.3	98.1	98.4	98.7	99.2	99.3	99.4	99.4	99.6	99.6	
.E		67.4	.4.9	95.0	96.3	96.7	47.0	97.2	98.2	98.6	99.0	99.7	99.8	99.9	99.9	100.0	100.0	
ωE		87.4	74.9	95.6	96 . 3	96.7	97.5	97.3	98.2	98.6	99.0	99.7	99.8	99.9	99.9	100.0	100.0	
GE	~ 1	89.4	,4.5	95.8	96.3	96.7	97.4	97.3	98.2	98.6	99.0	99.7	99.8	99.9	99.9	100.0	100.0	
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GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY GOSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 77-86 MONTH: NOV HOURS (LST): 1800-2000 CE IL I "G VISIBILITY IN STATUTE MILES 1/4 0 NO CEIL | 62.2 62.3 62.3 62.3 62.3 51.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 00.0 69.9 69.5 69.9 GE 200001 69.4 69.9 69.9 69.9 64.9 69.9 69.5 69.9 69.9 69.9 69.9 69.9 75.3 70.1 70.1 71.3 70 • 1 70 • 3 70.1 7g.1 7g.3 GE 180001 69.7 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 CE 168401 69.9 70.3 70.3 79.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 14000 71.6 72.C 72.0 72.0 72.0 12.0 72.6 72.0 72.0 72.0 72.0 73.0 6E 120001 72.6 73.0 73.0 73.0 73.C 73.0 73.0 73.0 73.0 73.0 73.0 73.0 73.D GE 100001 75.6 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.4 75.4 76.4 76.4 76.4 76.4 76.4 9ncol 75.9 asuol 77.5 76.8 78.4 76.8 76.4 76 .8 76.8 78.4 76.8 78.4 76.6 78.4 76.8 79.4 76.8 78.4 GF 7 t. 8 76 . 8 76.8 76.8 76.8 76.8 76.8 78.4 73.4 78.4 78.4 72.4 78.4 78.4 (,£ 78.4 70001 78.0 78.9 78.9 78.9 76.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 79.C 79.0 G.E 60001 79.1 79.C 79.0 79.4 79 .C 19.6 79.7 79.0 79.C 79.C 79.0 79.0 79.0 79.0 50001 79.8 45001 50.7 11.C 11.9 81.5 81.2 81.2 81.2 82.2 61.2 81.2 81.2 81.2 81.2 81.2 81.2 81.2 81.2 81.2 82.0 82.2 82.2 82.2 82.2 84.1 62.2 84.1 82.2 84.1 82.2 84.1 82.2 82.2 82.2 82.2 82.2 1.E 45 601 42.6 53.8 83.9 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.8 84.8 84.8 84.8 84.8 35 0 1 6 3. 2 94.8 84.8 84.8 84.8 84.8 υE 30001 E4.2 P 5.4 65.6 85 . 6 85.8 85.8 85.5 8 . 28 85.8 85.8 65.8 85.8 85.8 85.8 85.8 65.8 86.8 86.8 89.2 25001 85.1 c 6 . 3 86.6 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 20001 67.0 89.0 89.2 89.2 90.7 89.2 SE 89.2 89.2 26.2 89.2 89.2 89.2 90.2 49.7 89.2 89.2 90.2 18001 87.9 a 9 . 7 90.6 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 1500| 69.1 91.4 91.8 92.0 92.0 92.0 97.7 92.0 92.5 92.0 92.0 92.0 92.0 92.0 92.0 92.0 93.4 ٤£ 12001 69.9 91.5 93.2 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 94.4 í.E 10001 90.2 93.7 94.2 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 95.1 95.8 95.1 95.1 95.8 9001 90.3 9001 90.3 95.1 95.1 95.1 95.1 95.8 94.9 95.1 95.1 95.1 95.1 95.1 t₁ E 24.3 95.1 34.€ 95.4 95.8 95.8 95.8 95.8 95.8 95.8 95 . 8 95.9 7001 90.3 14.9 95.6 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 5 LOT 90.6 97.2 97.2 97.4 97.4 υ£ ·6.1 96.9 97.4 97.4 97.4 97.4 97.4 1001 90.6 401 90.6 3001 90.6 ű.É 97.7 97.7 97.7 97.9 97.9 97.9 99.0 96.4 97.3 97.9 98.1 98.1 98.1 98.1 98.1 98.8 98.3 91.7 94.9 97.4 97.4 97.9 98.0 95.6 98.2 98.3 98.6 98.8 98.5 98.8 98.8 GE. 76.E ٥ŧ. 97.9 99.0 98.0 98.2 98.3 98.3 98 . 7 99.3 99.3 99.3 99.3 98.3 99.6 99.6 99.6 99.8 99.8 2001 90.6 76.6 97.4 98.3 98.1 9 8 . 1 98.4 98.4 98.8 99.1 95.1 98.4 99.8 99.8 100.0 100.0 1621 92.€ 98.0 98.1 98.3 99.2 99.8 96.6 98.4 98.9 LE 01 90.6 98.3 98.4 98.4 99.2 99.8 99.8 99.8 100.0 100.0 96.6 97.4 0.39 1.89 90.1 98.9

PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER:	722665	STATICH NAME:	XT 334 243YG

STATION NUMBER				-						MONTH	: NOV		(LST):	2100-23	
EILING	• • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	v 151	61L I TY	IN STATE	JE MIL	 ES	• • • • • •	• • • • • • •	•••••	• • • • • • •	
IN I GE	GE	Gε	GΕ	3 ខ	CF	L E	GE	GE	GE	Π£	GΕ	GE	GE	GΕ	GF
FEET ! 1"	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/4	5/8	1/2	5/16	1/4	Ω
		• • • • • •	• • • • • •	<i></i>				• • • • • • •					• • • • • • •	• • • • • •	• • • • • • • •
40 CEIL 61.4	6.2.8	63.8	63.6	63.8	63.8	63.8	63.8	63.8	63.8	6.48	63.8	63.9	63.8	63.8	63.6
SE 200001 71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
E 180001 71.5	71.7	71.7	71 . 7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
.E 160001 71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
€ 145001 72•1	72.7	72.7	72 • 7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
E 120601 73.1	7 2 . 8	73.6	73.₺	73.8	73.8	73.5	73.8	73.8	73.8	73.8	73.6	73.8	73.8	73.8	73.8
E ioreal 75.9	76.7	76.7	76.7	76.7	76.7	76.7	70.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
E 97401 76.5	76.9	76.9	76.9	76.9	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
E 80001 77.8	7 7	78.7	78.7	79.7	76.7	78.7	79.7	73.7	78.7	78.7	78.7	78.7	79.7	78.7	76.7
E 70001 78.1	79.C	79.₺	79 . ü	79.6	79.3	79.5	79.C	79.5	79.0	79.0	79.0	79.3	79.0	79∙□	79.0
1.87 [CDUB 3.	7 ** 0	79.4	79 • 6	79.0	79.0	79.0	79.€	79.C	79.0	70.0	79.G	79.9	79.0	79.0	79.0
sε 57 001 β 0• 2	= 1.3	81.3	21.3	61.3	81.3	01.3	91.3	81.3	91.3	81.3	81.3	81.3	81.3	81.3	e 1 . 3
E 45 05 01.3	42.4	82.4	82.4	82.4	8 2 . 4	82.4	82.4	82.4	92.4	82.4	82.4	82.4	82.4	82.4	92.4
E 40001 82.9	34.2	54.2	84.3	54.3	84.5	64.3	84.3	84.3	84.3	84.3	94.3	84 • 3	84.3	64.3	44.3
E 3540 63.6	95.1	85.1	85.4	85.2	85.2	a5.3	85.2	85.7	85.2	85.2	85.2	85.2	85·2	85.2	85.Z
iE 35 COL 64.e	5.9	05.5	86 • Ú	გ6•ნ	P t . 3	00.3	86.2	მ5•Ĉ	86.0	86.0	86.0	86 • J	86.0	86.0	86.0
E 25001 85.6	27.6	67.0	87.1	67.2	87.5	67.2	97.2	87.2	97.2	87.2	87.2	87.2	87.2	87.2	87.2
SE Zhaol 87.9	69.4	89.4	89.6	b9.7	89.7	69.7	89.7	89.7	89.7	89.7	89.7	89.7	A9.7	89.7	89.7
it leach teat	. 45.7	89.7	89.0	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
E 19001 88.9	9 C. 7	90.7	90.3	40.4	96.9	90.9	90.9	40.9	96.9	90.9	90.9	90.9	90.9	90.9	90.9
E 12001 69.7	+1.5	91.9	92.0	92+1	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92 • 1	92.1	92.1	92.1
E 10001 69.9	22.4	92.4	92+6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
e 9001 69.9	92.9	92.9	93 . u	97.1	73.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
E 630 90∙3	5 4.3	94.3	94 . 4	94.6	94.6	74.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
E 748 95.3		94.8	95.2	95.3	95.3	95.2	95.3	95.3	95.3	95.3	95.3	95 • 3	95.3	95.3	95.3
E 6001 40∙3	74.4	95.0	95.6	95.7	9 . 7	95.9	95.9	95.9	95.9	95.5	95.9	95.9	95.9	95.9	95.9
E 5001 90.3	95.6	95.3	95.9	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96 • 2	96.2	96.2	96.2
E 4331 57.7	75.3	95.9	96.4	96.8	96.5	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
6E 3001 93⋅9		96.0	96.6	97.1	97.1	47.5	97.9	98.0	98.4	98.8	98.8	98.9	98.9	98.9	98.9
iE - 1351 95∗3		96.0	46.0	97.1	97.3	98.0	93.4	98.6	99.1	99.7	99.7	99.8	99.8	99.8	99.8
ir 1 10 t 90+3	15.3	76.0	96.0	97.1	57.3	A8.0	95.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.3
E 01 90×3	25.3	96	96.8	97.1	47.3	98.40	98.4	98.7	99.2	8.00	99.9	100.0	100.0	100.0	100.0

PERCENTAGE FREGLENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86 STATION NUMBER: 722665 STATION NAME: BYESS AFF TX MONTH: NOV HOURS (LST): VISIPILITY IN STATUTE MILES
GE GE GE CE 11 11.6 6 E G E GE IN 1 CE FEET 1 10 GE GE GE 2 1 1/4 6.5 GΞ GF GΕ GE GE 1/2 5/16 ί 3 2 1/2 3/4 G 40 CEIL 1 61.4 52.1 62.2 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 €2.3 62.4 69.1 69.1 UE 180001 69.2 SE 160001 69.3 SE 140001 69.1 67.4 69.3 69.3 69.3 69.3 69.3 69.1 69.2 69.2 69.3 64.3 69.3 69.3 69.3 69.4 69.4 69.4 59 . 3 69.4 69.3 65.2 69.4 69.5 73.3 10.3 70.3 70.3 70.3 70.3 70.3 70.3 70.2 70.0 70.3 7c • 3 71.4 71.5 71.6 71.0 71.6 71.6 71.t 71.6 71.6 71.6 71.7 71.7 71.7 74 ... 74.C 100501 77.7 73.5 73.9 73.9 74.5 74 . 7 74.0 74.0 74.0 74.0 74.1 74.1 74.1 95.031 74.5 61.631 74.9 74.3 76.3 74 • 3 76 • 3 74.4 76.3 GE. 74.1 74.2 74.2 74.3 74.3 74.5 74.3 74.3 74.3 74.3 74.4 74.4 76.3 76.3 76.3 16.3 76.3 76.3 76.3 76.1 76 . 2 υE 76.2 75 ... 76.3 76.5 76.4 76.5 70.5 76.5 76.5 76.5 υĒ 76.4 76.5 ı, F 76.7 76 . 8 76.5 76 . 76.4 76 . 8 74 . 8 76.8 76.8 76.9 76.9 76.9 50001 76.8 78.2 78.2 78.3 79.4 78.4 72.4 78.4 79.4 78.4 78.4 78.4 78.4 78.4 78.4 UΕ 45601 77.9 45601 78.9 79.4 79.5 79.6 79.€ 74.6 79.6 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 80.9 79.7 aC.9 PG.9 87.9 80.9 80.9 85.9 80.9 ĿΕ 80.7 23.9 80.8 82.4 9:.5 35 LOT 79.5 a 1.3 81.4 81.5 61.5 41 .t. 91.6 81.6 81.6 SE 30001 07.5 P 2.3 62.4 92.5 82.6 82.6 02.6 92.6 87.6 82.6 82.6 82.7 82.7 62.7 a 4 . 3 84.3 t, F 9 3.9 84.1 94.2 84.3 94.3 84.3 84.3 P4 . 3 64.3 84.3 P4.3 84.3 84.4 6 t . 2 86.4 87.0 96.5 57.1 86.6 66.7 67.3 66.7 67.3 86.7 86.7 87.3 GΕ 27601 64.1 8 t . ti 26.7 86.7 86.7 86.7 86.7 86.8 87.3 1850| 84.5 37.2 87.3 87.3 87.3 6 E 89.C 15031 56. # 8 # t 37.3 89.0 89.0 89.0 89.0 89.0 89.1 89.1 89.1 t, E ųΕ 12001 67.5 76.3 90.6 90.8 90.4 ٠, ٠,٠ 41. 91.0 91.0 91.0 91.0 91.0 91.0 91.1 91.1 91.1 92.1 97.1 GΕ 10001 67.7 71.0 91.9 9:.0 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.2 9001 97.9 y ... 93.1 93.1 93.1 72.2 72.7 92.5 93.2 93.7 9 1 . 1. 93.1 93.1 93.1 93.1 äΕ 92.0 93.1 93.1 9.01 88.1 91.5 93.9 91.9 23.9 97.9 93.9 93.9 93.9 93.9 93.9 93.5 ¥ 5 . 5 ΰĒ 7021 89.2 94.5 94.6 94.6 94.6 94.6 G E 93.6 94.0 94.3 94.5 95.4 94.6 94.6 95.1 95.5 95.5 95.5 ωE sucil assi 3 7 . 4 94.2 94 . # 95.1 95.4 95.5 95.5 5001 max 2 13.h 94.8 95.5 96.7 96.7 96.7 96.7 (LE 95.9 96.1 76.3 96.4 46.5 96 . € 96.6 96.7 400 600 97.8 97.5 97.8 97.8 97.9 97.9 95.1 47.7 ūξ 14.6 96.3 46.5 46.6 96.9 97.2 97.3 2651 64.2 :4.5 95.2 46 .2 96.9 +1.0 97.8 98.0 98.4 99.7 99.8 98.8 98.9 98.9 98.9 97.5 97.5 95.2 95.2 96.4 45.4 98.2 98.2 46.2 97.1 94.4 98.5 99.3 99.4 99.6 99.6 99.7 99.7 ٠. . .

TOTAL NUMBER OF OPSERVATIONS: 720F

-4.5

95.2

96.2

96.9

97.1

97.5

99.2 98.4

78.9

99.4

99.6

99.8

99.9 100.0 100.0

JI 69.3

ijΕ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 0000-0200 ILING VISIPILITY IN STATUTE MILES CEILING GE GE GF 4 3 2 1/2 IN | GE FEET | 1 GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 C£ GE GF GE 5/8 1/2 5/16 1/4 0 62.9 40 CEIL | 62.7 : 2.8 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 63.0 63.2 62.9 SE 200 GOT 66.1 6 5 . 7 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.5 he at 66.8 66.8 66.9 67.2 ut 180051 €6.2 UE 1€0001 €6.2 66.9 66.9 66.9 66.9 56.5 66.0 66.9 66.9 56.9 66.9 66.9 66.9 66.9 67.0 67.3 66.9 65.9 66.9 56.9 66.9 66.9 66.9 66.9 66.9 66.9 67.3 60.0 66.9 66.9 67.3 68.3 67.1 67.2 67.3 67.2 67.0 67.2 67.2 67.2 67.2 67.2 67.2 67.2 67.3 67.6 69.3 68 . 3 65.3 68.3 68.3 69.3 68.3 68.3 aE 100431 69.1 GE 97361 69.1 GE 87071 71.1 19.6 69.9 69.9 69.9 69.9 67.9 69.9 69.9 69.9 69.9 69.9 69.9 69.9 70.0 70.3 69.9 69.9 69.9 70.0 70.3 U-€ 59.8 69.9 69.9 69.9 69.9 65.5 69.9 69.9 69.9 69.9 7:.6 71.7 71.8 71.0 71.0 71.8 71.8 71.8 71.8 71.8 71.8 71.8 72.3 71.8 70131 71.6 72.3 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72.5 72.8 72.6 67671 71.3 72.t 72.6 72.t 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.7 73.0 50001 73.2 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.4 74.7 65 74.2 74 . 3 74.3 44 401 74.3 75.4 75.4 75.4 75.3 75.4 75.4 75.4 75.4 75.5 75.8 €£ 75.4 75.4 75.4 75.4 75.4 76 • 8 77 • 4 40001 75.2 76.2 76.8 77.4 76.8 77.2 ., E 76.7 76.8 76.8 76.0 76.8 76 • 8 77 • 4 76.8 76.8 76.8 75.8 77.4 78.2 1.6 77.3 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.5 77.R 78 . 2 73.2 ',E 30001 76.6 70.2 78.2 78.2 78.6 25 271 77.4 79.5 79.7 79.7 79.8 80.1 G.F 76.7 79.1 74.7 79.7 79.7 79.7 79.7 79.6 79.6 79.7 21 401 79.1 60.5 51.9 82.0 82.0 82.2 82.G 82.0 82.5 LΕ 81.1 91.4 61.5 61.5 81.9 82.C 82 . C 18031 79.9 ė1.2 81.7 82.7 82.7 82.7 82.7 82.7 82.8 83.1 82.U F2.2 62.6 92.6 82.7 i,E 86.2 23.2 1505| 80.6 32.3 82.3 83.1 E3.2 83.7 93.7 83.8 83.8 63.8 83.8 63.9 84.2 85.1 €4.1 84.6 84.9 85.1 85.6 85.6 85.7 86.0 87.1 GΕ 10001 62.2 84.7 85.4 85.8 85.9 F 6 . 3 86.6 86.6 86.7 96.7 86.7 86.7 86.7 86.7 86.8 9001 82.3 ± 5.9 89 ... 89 ... 88.3 88.3 88.3 88.3 88.7 86.6 87.3 87.4 67.5 88.3 88.4 υE 88.2 88.3 8001 82.7 7001 82.8 6001 83.3 89.3 93.3 93.3 27.0 89.6 89.9 89.9 89.9 89.9 93.0 90.3 91.6 94.2 C.F 88.1 89.2 95.4 90.6 91.5 91.5 91.6 91.6 91.6 91.6 91.6 91.7 92.0 F301 67.3 95.2 95.4 92.0 94.2 94.4 + . . 2 95.4 95.4 95.4 95.4 95.4 95.5 95.8 93.8 GE 95.3 Hu31 63.7 7001 67.3 Duff 63.7 1001 63.7 96.8 97.7 98.3 97.3 46.7 96 • 8 95.5 92.6 94.4 94.4 95.4 96.7 96.9 96.8 96.8 96.8 96.9 LΕ 97.4 L.E 16.8 92.0 94.7 55.7 76.1 97.6 97.7 97.7 97.7 97.7 97.7 97.8 96.4 97.6 ...a 95.00 97.6 98.2 92.5 54.7 96.2 98.1 98.3 98.6 98.7 99.6 90.0 3 € • 5 92.5 96.1 98.2 99.1 99.5 100.0 L.E

TOTAL REMPER OF CHISERVATIONS: 9.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC FROM HOURLY OBSERVATIONS ALR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY OBSERVATIONS

ST.	ATION	NUMBER:	722665	STATI	ON NAME :	DYES	SS AFB TX					PERIOD	OF REC	ORD: 77	-86		
												MONTH	: DEC	HOUPS	(LST): 1	0300-05	00
		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •						• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • •
	ILING I'	i G£	6ŧ	GE	6E	GE	61	0 E	GE	IN STATI	הוג בור	CE	30	GE	GE	GE	GE
	E E T	1 70	U+ 6	տ <u>.</u> 5	υr. 4		2 1/2	0.5			1	7/4	5/8	1/2	5/16	1/4	0
		••••••														• • • • • • •	
NC.	CEIL	1 61.4	62.0	62-3	63.u	63.0	63.5	61.0	63.€	63.0	63.0	63.0	63.0	63.0	63.0	63.C	63.0
	20000	1 65.3	65.9	66.1	44.6	66.9	56.9	66.6	66.9	66.9	66.4	44.0	66.9	66.9	66.9	66.9	66.9
					66.9		67.2		67.2	67.2	67.2	66.9 67.2	67.2	67.2		67.2	67.2
		1 65.6	66.2 66.2	66.5 66.5	67.2 67.2	67.2		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2 67.2	67.2	67.2
		65.5	66.6	66.5	67.5	67.5	67	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
		1 67.5	66.2	68.4	69.1	69.1	59.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
.15	12 01	1 6.00	C 4 • 2	00.4	07.1	6.4.1	55.4.4	C	671	09.1		3 - • 1	07.1	0,11	0,41	0,11	· /• •
űΕ	10000	1 65.6	69.2	69.5	76.2	73.2	12	70.1	79.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
úΕ		1 65.6	69.2	69.5	70.2	13.2	12.0	1" .2	70.2	70.2	70.0	70.2	70.2	70.2	70.2	70.2	70.2
SE		1 69.1	6.5.6	70.0	75.0	70.8	7	7.7.4	75.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
υE		1 67.5	75.1	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71 - 1	71.1	71.1	71.1	71.1	71.1	71.1
ijŁ		1 69.5	70.1	77.3	71 - 1	71.1	71.1	71.1	71.1	71.1	71 - 1	71.1	71.1	71.1	71.1	71.1	71.1
υ£		1 70.8	71.6	71.8	72.6	72.6	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
ύE		1 71.7	72.6	72.6	73.5	73.5	72.0	77.5	73.5	73.5	73.5	77.5	73.5	73.5	73.5	73.5	73.5
6E		71.0	7 Z . H	73.1	73.9	73.9	73.9	71.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
υ£		77.0	14.1	74.4	75.2	75.2	75.2	15.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
6E		73.1	4.3	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
	3. 00			•													
LΕ	25.00	1 74.2	75.4	75.9	76 . 8	77.1	11.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
٤.,	20.00	1 76.5	17.7	78.3	79.5	19 . ñ	79.0	77.0	79.8	79.8	79.8	79.8	79.6	79.8	79.8	79.9	79.9
υĒ		1 77.6	7 c . 3	78.6	80.0	50.3	° (, • 3	63.3	50.3	aD.3	AD . 3	80.3	80.3	89.3	8 C . 3	80.4	80.4
45		1 70.5	50.0	81.2	82.4	82.8	H 6	0.04	92.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
٠£	1260	E0.5	42.7	83.2	84.6	85.1	#5.1	e5.1	95.1	05.1	P5 - 1	8 - 1	95.1	85.1	85.1	85.2	95.2
SE	1222	1 61.4	d 4.3	85.1	86 • 5	£7.0	87.U	67.3	67.C	87.C	97 • C	87.0	87.0	87.0	87.0	67.1	87.1
ű.E		1 +1.5	35.1	a 5 • 6	57.2	87.7	57.7	7.9	£7.5	87.8	87.9	87.8	87.8	87.9	87.8	88.0	86.0
6 t		1 -1.5	05.4	86.1	87.5	88.1	88.1	8 a	8A.2	88.7	88.2	88.2	88.2	88.2	88.2	88.3	88.3
UF		£1.7	B 6 . 1	87.1	86.6	ė 9 . 1	89.1	89.4	89.4	89.4	A9.4	80.4	89.4	89.4	89.4	89.5	89.5
L.E		1 52.3	. 7.5	88.7	90.8	91.6	91.6	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
ti E		€7.4	-8.1	89.6	91.9	93.1	93.2	95.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.7	93.7
1.E		1 92.4	58.4	93.1	92.8	94.4	و يو يو	15.00	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.7
U.E		1 02.4	36.6	90.3	93.2	95.1	95.2	96	96.2	96.3	3.00	96.9	97.0	97.1	97.1	97.2	97.6
l, F		1 02.4	46.6	90.3	93.3	95.2	95.3	96 . ?	96.6	96.9	97.4	97.5	97.6	97.8	97.8	98.0	98.8
υŁ	1.20	1 62.4	4.6.€	90.3	93.3	55.42	4.6.3	46.3	96.7	97.C	97.5	97.6	97.7	98.1	98+3	98.7	99.9
G.E	1	1 62.4	+ 8 · b	90.3	93.3	95.2	95.3	96.3	96.7	97.5	97.5	97.6	97.7	98.1	98.3	98.7	100.0

PERCENTAGE FREQUENCY OF GCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

_	_						S AFR T					HONTH		HOURS	(LST):		cc
	it in G		• • • • • • •	••••	• • • • • • •	• • • • • •	• • • • • • •	v isi	BILITY	IN STAT	UTE MIE	ES.	• • • • • • • •		• • • • • • •		•••••
FE	IN I	5£ 15	CE 6	6E 5	GE 4	GE 3	GE 2 1/2	6 F	GE 1 1/2	GE 1 1/4	6E 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	32 0
	CEIL		r a. 7	58.9	59 • 2	59.2	59+4	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
6E	200001 160001 16001	62.4	63.3 63.3 63.3	63.5 63.5 63.5	63.9 63.9 63.9	63.9 63.9 63.9	63.9 63.9 63.9	63.9 63.9	63.9 63.9 63.9	63.9 63.9 63.9	64 • C 64 • C	64.0 64.0 64.0	64.0 64.0	64.0 64.0 64.0	64.0 64.0	64.0 64.0 64.0	64•0 64•0
38	140001	67.5	54.5 65.3	64.7 65.5	65 • 1 65 • 9	65 • 1 65 • 9	65.1	65 • 1 65 • 9	65.1	65.1	65 • 2 66 • D	65.2 66.0	65 • 2 66 • 0	65 • 2 66 • D	65.2 66.0	65.2 66.0	65.2 66.0
GE GE	100001	65.6 65.7	66.6 66.7	66.8 66.9	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67•4 67•5	67.4 67.5	67.4 67.5
GE GE	10008 10007 10008	66.8	67.2 67.7 58.7	67.4 68.0 68.9	68.5 69.5	68.5 68.5	68.5 68.5 69.5	68.5 69.5	68.5 69.5	68.5 68.5 69.5	68.1 68.6 69.6	68.1 68.6 69.6	68.1 68.6 69.6	68 • 1 68 • 6 69 • 6	68.1 68.6 69.6	68.1 68.6 69.6	68.1 68.6 69.6
6 E	50.00 [68.3	65.4	69.6	70 • 1	70.1	78.1	70.1	79.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
6E 6E 6E	45 00 1 47 00 1 35 00 1	69.5 71.3	75.4 71.6 72.9	70.6 71.2 73.2	71 • 2 71 • 8 73 • 9	71.2 71.8 73.9	71.2 71.6 73.9	71.2 71.9 73.9	71.2 71.8 73.9	71.2 71.8 73.9	71.3 71.9 74.0	71.3 71.9 74.0	71.3 71.9 74.0	71.3 71.9 74.0	71.3 71.9 74.0	71.3 71.9 74.0	71.4 72.0 74.1
Ŀ£	30 001		74.5 76.2	74.8	75.5 77.3	75.6 77.4	75.6	75.6 77.4	75.6 77.4	75.6 77.4	75.7 77.5	75•7 77•5	75.7 77.5	75.7 77.5	75•7 77•5	75.7	75•8 77•6
GE GE	20 00 L	75.7 76.6	78.5 79.0	79.1 79.7	79.8 83.3	79.4 80.4	79.9 80.4	79.9 80.4	79.9 80.4	79.9 80.4	40 • C 80 • 5	80.8	80.2 80.8	80.2 80.8	80.2 80.8	80.2 80.8	80.3 80.9
ζ£ i,E	15 00 12 00		8 C • 6 5 1 • 9	81.3 82.8	81.9 63.4	82.2 83.7	82.2 83.7	83.7	92.2 83.7	82.2 83.7	87.4 83.9	82.6 84.1	82.6 84.1	82.6 84.1	82.6 84.1	82.6 84.1	82•7 84•2
GE GE GE	ទដ្ឋា	79.0 79.6 79.9	52.8 94.2 85.2	83.9 85.3 86.5	84.6 86.2 87.4	64.8 86.5 87.6	₽4•8 ₽6•5 8 7• 6	84.3 85.5 87.6	84.6 86.5 87.6	84.8 86.5 87.6	85 • 1 86 • 8 88 • 0	85.3 87.0 89.2	85.3 87.0 88.2	85.3 87.0 88.2	85.3 87.0 88.2	85.3 87.0 68.2	85.4 87.1 88.3
LE GE	7001	83.0 83.9	45.7 87.8	87.1 89.2	88.2 91.1	91.5	56.5 91.4	68.6 91.5	88.6 91.5	88.6 91.5	88.9 91.8	89.1 92.0	89.1 92.0	89.1 92.0	89.1 92.0	89.1 92.0	89•2 92•2
uf GE	4.301	80.9 00.9	8 6 . 1 8 6 . 4	89.9 90.4	92.0 93.1	92.5	92.6 94.4	92.7	92.7 94.8	92 • 7 94 • 8	93.1 95.4	93.3 95.6	93.3 95.6	93.3 95.7	93.3 95.7	93.3 95.7	93.4 95.9
og Sf GE	2001	80.9 80.9 87.9	88.6 88.6 38.6	91.0 91.0 91.0	93,9 94,0 94,0	94.8 94.9 54.5	95.2 95.4 95.4	95.6 95.8 95.8	96.1 96.3 96.3	96.6 96.8 96.8	97.1 97.5 97.5	97.3 9 ¹ .7 97.7	97.4 98.1 98.1	97.5 98.3 98.4	97.5 98.4 98.6	97.5 98.7 99.1	98.0 99.5 100.0
6F		63.9	38.6	91.0	94.0	94.9	95.4	95.5	96.3	96.8	97.5	97.7	99.1	98.4	98.6	99.1	100.0

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723665 STATION NAME: DYESS AFR IX

PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 0900-1100 CEILING GE CF GE GE IN | GE FEET | : GΕ GE GE 5/8 1/2 5/16 1/4 0 56.1 NO CEIL | 55.2 56.1 56.1 56.1 56.1 56.1 56.1 56.1 56.1 56.1 56.1 56.1 56.2 56.2 62.5 62.9 63.0 GE 200001 61.5 62.5 62.5 62.5 62.5 62.5 62.5 62.5 62.5 62.5 62.5 62.5 62.5 62.6 62.6 GE 18000| 61.9 GE 16000| 62.0 62.9 62.9 62.9 63.0 62.9 62.9 62.9 63.C 62.9 63.0 62.9 62.9 62.9 63.0 62.9 62.9 63.0 63.0 63.C 63.0 64.7 63.1 63.1 143001 63.8 64.7 GE 120001 65.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.3 66.3 68.8 GE 100001 67.4 68.5 68.6 68.8 69.8 6.90 68.8 68.8 68.8 68.8 68.9 68.9 6 & . 3 68.8 68.8 6E 90001 67.7 80001 68.5 68.9 69.8 69.2 69.2 70.0 69.2 70.0 69.2 70.0 69.2 69.2 69.2 70.0 69.2 70.0 69.2 69.2 70.0 69.2 70.0 69.4 70.1 69.4 70.1 70 . C 70 · C 70.0 70.0 GE 70.2 70.4 70001 69.9 70.4 70.4 70.4 70.4 G.F 6L001 63.6 70.9 71.1 71.1 71.1 71.1 71.1 GE 50001 70.4 71.7 71.8 72 • C 72.0 72.0 72.0 72.C 72.0 72.C 72.0 72.0 72.0 72.2 72.2 72.0 45 CO | 75.9 40 CO | 71.5 72.5 73.4 72.9 73.9 72.9 73.9 72.9 72.9 73.9 73.0 74.0 73.0 74.0 73.0 73.0 73.0 74.0 73.0 74.0 73.1 74.1 r.F 72.6 73.0 74.0 73.1 74.1 GΕ 75.4 75.4 75.4 75.4 75.4 75.4 75.5 75.5 GE 75.3 30001 73.8 75.8 76.2 76.2 76.2 76.2 76.3 76.3 76.3 76.3 76.3 76.3 76.3 76.5 76.5 GE. 25001 74.9 76.9 77.0 77.4 77.4 77.4 77.4 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.6 77.6 6.F 20031 76.3 19301 76.3 78.7 79.2 79.0 79.6 79.5 83.1 79.5 79.5 79.5 50.1 79.6 90.2 79.6 79.6 80.2 79.6 80.2 79.6 80.2 79.6 80.2 79.6 79.7 80.3 79.7 80.1 60.2 80.2 80.3 86.1 SE 15 pp | 78.8 12 pp | 79.9 83.1 ₹ · Z 82.5 83.0 63.6 83.5 83.0 P3 - 1 83.1 83.2 83.2 GE 53.1 63.1 GE 34.2 84.5 85.3 85.3 85.3 45.3 85.4 85.5 85.5 85.5 A5.5 P5.6 10001 80.2 R4.7 86.3 CE 85.2 86.0 66.0 86.5 ă6 • 1 66.3 86.5 86.5 86.5 86.5 86.5 86.6 P7.1 υE 9601 80.4 95.2 85.6 80 . 6 87 . 8 86.6 88.0 86.6 86 •B 89 •2 97.C 87.C 87.1 87.1 87.1 87.1 87.2 87.2 8001 81.1 88.6 88.6 A8.7 υĒ. 86.1 86.8 80.3 88.4 88 . 6 88.6 88.6 88 - 4 69.2 92.0 89.6 89.6 7.01 81.1 87.6 88.7 63.9 86.9 89.8 89.8 89.8 89.9 80.0 33 92.8 Ģ€. 6001 81.1 38.4 89.4 90.9 91.5 91.6 92.5 92.5 92.7 92.7 92.7 92.7 92.7 92.8 5001 81,2 GE 88.7 89.9 91.6 92.5 92.7 93.2 93.8 93.8 94.2 94.3 94.3 94.3 94.3 94.4 94.4 96.1 4001 61.2 93.5 94.4 94.0 96.2 96.2 96.3 96.3 GE 39.9 90.2 96.2 96.2 92.2 94.7 95.7 95.7 1601 61.2 85.0 90.3 92.6 94.8 95.6 95.6 96.9 97.7 93.0 98.0 98.2 98.3 98.4 98.7 GE 2001 81.2 29.0 90.3 92.6 94.4 94.8 96.9 97.2 97.8 98.1 98.1 98.5 98.7 99.1 99.6 92.6 94.8 95.6 97.2 100.0 1001 81.2 45.0 90.3 96.9 99.0 ωE 01 81.2 97.8 99.5 100.0 υE 45.0 90.3 92.6 94.4 94.8 95 .6 96.9 97.2 98.1 98.1 98.8 99.0

SLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:	722665	STATI	ON NAME:	DYES	SS AFR TX					PERIOD	OF REC	ORD: 77	-86		
										MONTH			(LSTI:	1200-14	00
CEILING						VISI	PILITY	IN STATE	UTE MIL	ES.					
IN GE	GΕ	GE	GE	GE	CE	G E	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET 10	6	5	4	3	2 1/2	7	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL 1 55.1	5 5 . 3	55.3	55 • 3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
6E 200001 67.5	53.8	63.9	63.9	64.0	64.C	64.3	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 180001 64.F	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
SE 160001 64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
UE 143001 65.6	65.6	65.9	65.9	66.0	66.3	66.0	66.D	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
6E 12000 67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.8	68.C	68.0	68.0	68.0	68.0	68.0	68.0	68.O
GE 100001 69.0	69.5	69.6	69.6	69.7	64.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
UE 90001 69.5	65.9	70.0	70 · U	73.1	76.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
OL 80001 71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
SE 7" CO 71.9	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 60001 72.3	12.7	72.8	72.5	77.9	12.9	72.9	72.9	73.C	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 57001 71.2	71.9	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
UE 45301 73.2	74.0	74.1	74 . 1	74.2	74.2	74.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 45001 74.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
6E 35 LOT 75.7	76.9	77.C	77.3	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
6E 3TCD1 75.0	17.2	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
0. 3.40.			,,,,					7.63		, , , ,					
6E 25 001 76.9	78.2	78.4	78.5	79.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
CE 2000 78.9	32.8	81.5	81.1	81.2	81.	51.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 18 LOT 79.2	31.1	31.3	81.4	81.5	± 1 • 5	81.5	81.5	81.6	81.6	81.6	81,6	81.6	81.6	81.6	91.6
GE 15001 61.4	6 3 . 5	84.0	84 - 1	84.2	64.2	84.2	84.2	64.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
SE 12001 82.8	56.6	37.0	87.3	67.4	87.4	07.4	97.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
55 1200, 5216	.,	37.00	0,		3	o , .	31.4	0,.5		0.41	0	3.4.	0.0.	• . • .	0.0,
6F 10001 53.3	A 7.4	88.2	88.5	68.6	86.6	69.6	88.6	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 9601 84.0	- á. q	69.7	90.2	90.3	46.3	90.4	90.5	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE FCC 84.2	35.4	90.2	91.6	91.1	91.1	91.3	91.4	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 7001 84.4	a 5 . 8	90.6	91.5	91.9	91.9	92.2	92.5	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0
ur (CO 84.5	9 [• 4	91.4	92.9	93.4	93.4	93.7	94.0	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
or (coo, s.,,					,		,			,					
SE (COT 84.6	4 C . 8	92.0	93.5	94.3	94.3	94.5	94.6	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4
UE 4201 64.6	25.9	92.2	94 • J	94.8	94.8	95.8	96.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3
UE 3231 04.6	71.0	92.4	94.2	95.2	95.3	46.5	97.6	97.7	98 2	98.4	98.4	98.5	98.7	98.7	98.6
GE 2001 84.6	91.0	92.4	94 . 4	95.2	15.3	96.5	97.6	97.7	98.2	98.5	98.6	99.2	99.6	99.6	99.7
UE 100 04.6	91.6	92.4	94.2	95.2	45.3	96.5	97.6	97.7	98.2	98.5	98.8	99.5	99.9	99.9	100.0
		_ • •											-		
GE 21 84.6	91.0	92.4	94 . 2	95.2	95.3	96.5	97.6	97.7	98.2	48.5	98.8	99.5	99.9	99.9	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY OBSERVATIONS

STATION NUMBER: 722665						MONTH:	DEC		ILSTI: 1		
CE IL ING	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • •		.ITY IN STATE				• • • • • • •		• • • • • • •	
IN 1 SE GE	GE GE	GE GE	6 E	SE GE	GE		GE	GE	GE	GE	GE
FEET 10 6	5 4	3 2 1/2	_	1/2 1 1/4	1	3/4	5/8	1/2	5/16	1/4	٥
			-		-						
NO CEIL 54.6 54.9	55.2 55.7	55.8 55.8	55.5	55.9 55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
CE 200001 63.8 64.6	64.8 65.4	65.5 65.5	65.6	5 6 65 6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000 64.8 65.7	65.9 66.5	66.6 66.6	66.7	66.7 66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 160001 65.1 65.9	66.1 66.7	66.8 6E.S		6.5 66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
UE 140001 65.7 66.6	66.8 67.3	67.4 67.4	67.5 6	57.5 67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 120001 67.6 68.5	68.7 69.2	69.4 69.4	69.5 6	9.5 69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000 69.8 70.6	70.9 71.4	71.5 71.5	71.£ 7	71.6 71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
GE 90001 70.0 70.9	71.1 71.6	71.7 71.7	71.8 7	71.8 71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9
GE 8000 71.7 73.0	73.2 73.6	73.9 73.9	74.C 7	74.C 74.C	74.0	74.0	74.1	74.1	74.1	74.1	74.1
6E 70ac 72.0 73.3	73.5 74.3	74.4 74.4	74.5 7	74.5 74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6
GE 67001 72.3 73.5	73.8 74.5	74.6 74.6	74.7	74.7 74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8
GE 50001 73.1 74.5	74.7 75.5	75.6 75.6	75.7 7	75.7 75.7	75 . 7	75.7	75.8	75.8	75.8	75.8	75.8
GE 45 CO 73.4 75.1	75.3 76.0	76.1 76.1		76.2 76.2	76.2	76.2	76.3	76 • 3	76.3	76.3	76.3
SE 40001 74.1 76.0	76.2 77.3	77.1 77.1		17.2 77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
GE 35 CO1 75.1 77.6	77.2 78.0	79.1 76.1		18.2 78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
GE 30G01 76.1 78.3	78.5 79.2	79.4 79.4		19.5 79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6
	•										
SE 25001 78.0 90.4	80.6 81.4	81.6 51.6	al.7 9	31,7 81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
GE 2000 79.1 81.7	81.9 82.7	82.9 52.9	87.7 8	3.1 83.1	93.1	63.1	83.2	83.2	83.2	83.2	e 3 · 2
GE 18001 79.7 82.7	82.9 83.7	63.9 53.9	84.6 9	34.1 84.1	84.1	84.1	84.2	84.2	84.2	84.2	P4.2
6E 15CO 81.1 84.4	84.6 85.4	85.6 35.0	85.7 8	35.9 85.9	95.9	85.9	86.0	86.0	86.3	86.0	86.0
6€ 1200 82.4 86.1	86.5 87.2	87.4 87.4	87.5 8	37.8 87.8	87.8	87.8	88.0	88.0	88.0	88.0	8 8 . D
of 10001 63.8 87.7	88.2 89.1	89.4 89.4	ε9.5 B	39.9 89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1
UE 9201 84.3 48.5	88.9 90.0	90.2 90.3	90.4 9	91.1 91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3
GE 8001 84.3 98.7	89.2 90.5	91.6 91.1		1.9 91.9	91.9	91.9	92.0	92.2	92.2	92.2	92.2
GE 7001 84.5 85.6	90.1 91.4	91.8 92.0		2.9 92.9	92.9	93.0	93.1	93.2	93.2	93.2	93.2
DE 6001 64.7 70.1	90.8 92.8	93.4 93.7		94.5	94.7	94.9	95.1	95.2	95.2	95.2	95.2
OF 5001 84.7 96.3	91.0 93.1	94.4 94.6	94.9 7	5.7 95.8	95.9	96.1	96.2	96.3	96.3	96.3	96.3
GE 4501 64.7 95.4	91.3 93.7	95.1 95.4		6.8 96.9	97.0	97.5	97.6	97.7	97.7	97.7	97.7
UE 3671 64.7 9C.5	91.5 94.1	95.5 95.8		7.4 97.5	97.6	90.6	98.8	98.9	98.9	98.9	96.9
GE 2401 64.7 25.5	91.5 94.1	95.5 95.6		7.5 97.6	97 . B	99.8	99.0	99.2	99.5	99.8	99.8
GE 100 84.7 95.5	91.5 94.1	95.5 95.8		7.5 97.6	97.8	99.8	99.0	99.2	99.5	99.9	100.0
ot 01 84.7 32.5	91.5 94.1	\$5.5 95.8	96.5 9	7.5 97.6	97.8	98.8	99.0	99.2	99.5	99.9	100.0
		• • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •			• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••

PERCENTAGE FREGLENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS ATE TX

STATION	NUMBER:	722665	STATI	ON NAME:	DYES	S ALE TX					PERIOD MONTH	OF RECO		-	1800-20	20
CE IL ING	•••••	• • • • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • • • •			IN STATE			• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••
IN	I SE	GE	Gg	GE	GE	c.r	G E	3.5	GE	GE	GE	30	GΕ	GE	G£	GE 30
FELT	1 10	6	5	4		2 ./2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥
	-			• • • • • • • •												
				••••												
NO CETE	1 63.6	61.4	61.8	62 • 2	62.2	62.2	62.2	67.2	62.2	62.2	67.2	62.2	62.2	62.2	62.2	62.2
0E 20003	1 66.5	68.2	68.6	68.9	69.9	64.4	69.9	68.9	68.9	58.4	64.9	68.9	68.9	68.9	68.9	68.9
GE 18760	1 67.0	68.3	6 A . 7	69.0	69.0	6 Y . Ĺ	67.5	69.C	69.0	69.C	69.0	69.0	69.0	69.0	69.0	69.0
UE 16↑00	1 67.2	69.5	68.9	69.2	69.2	64.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	67.4	58.7	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 12060	1 69.7	71.1	71.5	71.6	71.8	71.5	71.8	71.6	71.8	71.6	71.8	71.8	71.8	71.8	71.8	71.8
6E 13003	1 71.1	72.5	72.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9710	1 71.1	72.5	72.9	73.2	73.2	73.2	7 * . 2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
6E 85.00	1 72.2	73.9	74.3	74 . 6	74.t	74.6	74 .€	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 70 00	73.4	75.2	75.6	75.9	75.9	75.9	15.9	75.5	75.9	75.5	75.9	75.9	75.9	75.9	75.9	75.9
6E 6000	74.1	15.6	76.2	76 • 0	76.6	76.0	76.6	76.6	76.6	76.6	7t 6	76.6	76.6	76.6	76.6	76.6
GE 5767	1 75.1	77.0	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
	75.8	72.1	78.5	78 - 6	78.8	7 e . 8	78 • 3	78.8	76 . A	78.8	79.9	78.8	78.8	78.8	78.8	78.8
	75.3	75.1	79.6	79.9	79.9	75.9	75.5	79.9	79.9	79.9	79.9	79.5	79.9	79.9	79.9	79.9
	1 77.5	79.8	80.2	8g • 5	82.5	8 Č • S	85.5	63.5	00.5	80.5	87.5	80.5	80.5	83.5	60.5	R 0 . 5
	79.1	91.0	61.4	81.7	81.7	H 1.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
		,													• • •	
GE 2500	1 79.5	82.6	83.5	63.3	63.3	в 3.3	83.3	93.4	83.4	P3.4	83.4	83.4	83.4	83.4	83.4	83.4
ან მიათ	1 60.P	64.1	84.5	94.8	8.49	64.5	64.8	84.5	84.9	94.9	84.9	84.9	84.9	84.9	84.9	84.9
6E 1800	61.0	94.3	84.7	85 - 1	85.1	35.1	85.1	85.2	85.2	85.2	85.2	85.2	85 • 2	85.2	85.2	85.2
GE 1 CO	1 81.6	95.2	85.6	66 · D	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	1 62.0	56.6	87.2	87 • 6	£7.8	87.6	d7 ∙8	88.1	88.1	88.1	88.1	88.1	88.1	68.1	88.1	88.1
	93.3	P 8 . 9	89.7	90.1	90.3	90.3	97.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	96.5
	83.7	8 5 . 4	90.4	91.2	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	1 24.1	96.1	91.4	92 • 4	92.6	92.7	43.7	93.C	93.C	93.0	93.0	93.0	93.0	93.0	93.0	93.D
	1 64.4	9.0€	42.5	93 • 7	93.9	44.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
UE 6.20	1 84.5	91.2	93.0	94.4	94.6	94.7	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
	1 84.5	91.6	93.5	95 • 2	95.9	96.0	96.3	96.7	96.7	96 • 7	96.3	96.8	96 • 8	96.8	96.8	96.8
	1 84.5	91.7	93.9	95 • 7	96.5	96.6	97.3	98.3	98.3	98.5	9R •6	98.6	98.6	98.6	98.6	98.6
	1 64.5	71.8	94.0	96 • 1	97.0	97.2	98.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
	F4.5	51.6	94.6	96.1	97.C	47.E	98.0	99.1	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6
GE 150	1 64.5	91.8	94.6	96 • 1	97.0	97.2	98.3	99.1	99.1	99.4	99.5	99.5	99.6	100.0	100.0	180.0
oE D	F4.5	71.6	94.6	96.1	97.0	97.2	95.0	99.1	99.1	99.4	99.5	99.5	99.6	100.0	100.0	190.0
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	•••••	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••

PERCENTAGE FREGUENCY OF GCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

							S AFR TX					MONTH		HOURS	(LST):		00
CEILI		• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	••••••	v 1 S T	FILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
IN		GE	cε	GΕ	GE	CE	GΕ	G E	30	6E	GE	6.6	G€	GE	GΕ	GE	GE
FEET			t		4		2 1/2		1 1/2		1	374	5/8	1/2	5/16	1/4	0
		• • • • • •												-			
													• • • • • • • • • • • • • • • • • • • •	• • • • • • •			•••••
NJ CE	IL	6:.1	t 3.4	62.9	63.0	63.C	63.6	€7•0	63•C	63.C	63.0	63.0	63.D	63.0	63.0	63.0	63.1
GE 20	10001	L5.1	67.4	69.0	68.1	6 P . 1	48.1	64.1	68.1	68.1	68.1	68.1	68.1	68 • 1	68.1	68.1	68.2
GE 18	0001	66.2	57.5	68.1	68.2	69.2	6 F . 2	68.2	68.2	68.2	68.2	69.2	68.2	68.2	68.2	68.2	66.3
6E 16	0.001	66.6	67.8	68.4	68.5	69.5	66.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
GE 14			68.4	68.9	69 . Ü	69.0	69.0	69.3	69.6	69.0	69.€	69.0	69.0	69.0	69.0	69.0	69.1
UE 12	: co !	69.1	69.6	73.1	70.2	77.2	72	77.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
6E 1J	00001	69.4	72.9	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 9	1001	69.4	12.9	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE a	1001	71.1	72.5	73.4	73.5	73.5	73.5	7:05	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
6E 7	real	71.5	73.3	73.9	74	74.5	74 *5	74.7	74.C	74 . C	74.0	74.0	74.0	74.3	74.0	74.0	74.1
C.E 6	0001	72.2	74.0	74.5	74.6	74.6	74.6	74.5	74.6	74.6	74.5	74.6	74.6	74.6	74.6	74.6	74.7
ë€ 51	1000	73.P	75.7	76.2	76 . 3	76.3	76.3	74.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5
⊍Ε 4	100.2	74.5	70.6	77.1	77 • 2	77.2	77.2	17.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
6E 4	nabi	74.9	77.1	77.7	75 . C	78.0	7 a • C	18.3	78 • C	78 · C	78 €	79.0	78.0	78.1	78.1	79.1	78.2
CE 3	real	75.4	77.6	78.5	78.7	78.7	71.07	75.7	78.7	78.7	78.7	78.7	78.7	78 • 8	78.8	79.8	79.1
6E 3	real	76.5	18.5	79.7	79.9	79.9	15.5	72.5	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.3
5E 2	f col	77.4	°C•1	81.G	81.2	81.2	81.2	61.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.6
		78.7	51.7	82.7	83.U	63.C	53.0	65.0	83.C	83.C	93.C	87.0	83.0	83.1	83.1	83.1	83.4
		70.4	32.4	83.3	83.7	83.7	83.7	03.7	63·7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	84.1
		87.5	74.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.8
GE 1	2631	£1.1	15.2	86.1	96.5	86.5	86.5	£6.5	85.5	86.5	96.5	84.5	96.5	86.6	86.6	86.6	86.9
GE 1	1001	81.8	76.6	87.5	88 • C	0.68	96.0	88.0	98.C	88.C	58.C	88.0	88.0	88.1	88.1	88.1	86.4
(i.E.	9001	€ 2 • C	- 7.3	88.5	89.2	89.2	55.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.7
6€ !	5031	62.4	₩ É. 4	89.7	91.0	91.3	91.ú	91.0	91.C	91.C	91.0	91.0	91.0	91.1	91.1	91.1	91.4
	7 CC L	82.5	89.5	91.1	92.6	92.6	92.6	42.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	93.0
SE	6001	E 7.1	90.5	92.3	53.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.7
		81.1	95.9	92.8	94.6	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.9
		83.1	91.5	93.5	95.8	95.5	96.6	96.9	97.C	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.6
		63.1	91.6	93.7	96.2	96.9	97.C	97.4	98.C	98.1	98.1	99.	98.2	98.3	98.3	98.3	98.6
		63.1	51.7	93.6	96 . 3	97.0	97.1	97.6	98.3	98.4	98.7	99.7	98.8	99.2	99.2	99.2	99.6
		63.1	91.7	93.5	46 . 3	97.0	97.1	97.6	99.3	98.4	98.7	98.9	99.0	99.7	99.7	99,7	100.0
GE		63.1	31.7	93.8	96.5	97.0	97.1	97.6	98.3	98.4	98.7	98.9	99.0	99.7	99.7		100.0

PERCENTAGE FREQUENCY OF GCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY GESERVATIONS

TATION NU			_								MONTH	: DEC		(LSTI:	ALL	
E IL ING	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	•••••			IN STATE			• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
	GE	CE	GE	GE	GE	úΕ	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
FEET	10	Ĺ	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • • • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
0 CEIL !	5 P • F	59.2	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
E 200001 6	£4.4	65.3	65.5	65 • 8	65.8	65.6	65.3	65.8	65.8	65 • 8	65.8	65.8	65.8	65.8	65.9	65.9
E 180001 6		65.6	65.8	66 • 1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
E 160001 (£4.5	65.7	66.0	66 • 2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
E 14000) 6		66.5	8.66	67 • D	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
E 120001 6	27.2	t 8 • 1	68.3	68 • 6	6 9 . 6	66.6	6° • 6	68.6	68.6	68.6	6 P • 6	68.6	68.6	68.6	68.7	68.7
E 100601 6	5e.e	ć 5 • 7	69.9	70 - 2	70.3	7 . 3	70.3	70.3	73.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
£ 90001 6		65.8	70.1	70.4	70.4	7 . 4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6
E 80001		7 1 . 3	71.5	71 . 8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
E 70001 1	72.7	71.8	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5
E 60001	71.2	72.3	72.5	72.8	72.9	72.9	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
E 50E01 3	72.2	73.5	73.7	74 . 1	74.1	74.1	74.1	74.1	74.1	74 - 1	74.1	74.2	74.2	74.2	74.2	74.2
E 4500) 7	72.9	74.3	74.5	74.9	74.9	74.9	74.9	74.9	75.C	75 ⋅ €	75.0	75.0	75.0	75.0	75.0	75.1
E 40001 7	73.5	75.1	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0
E 35 col 7		76.3	76.6	77 • U	77.C	77.0	77.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
30001	75.3	77.2	77.6	78.3	78.0	7 é • u	79.7	78.0	78.1	78.1	79.1	78.1	78.1	78.1	78.1	78.2
25 601 7	76.5	78.6	79.0	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.8
20001 7	78.1	36.5	91.0	31.5	81.6	81.6	3.18	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.9
18001 7	78.6	81.0	81.5	82.J	62.1	82.1	82.2	82.2	82.3	82.3	87.3	82.3	82.3	82.3	82.4	82.5
1500 8		32.9	83.4	93.9	84.0	64.C	84.1	84.2	84.2	84.2	84.3	64.3	84.3	84.3	84.3	84.4
12001 8	1.1	94.7	85.2	95.9	86.0	3 € • €	85.1	86.2	86.2	A6.3	86.3	86.3	86.3	86.3	86.4	86.5
10001	1.9	85.9	86.5	87 . 3	87.5	e 7 • 5	87.6	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	88.0
9001 8	2.2	r. 6 . 8	67.6	80.5	68.7	88.7	88.9	89∙ €	89.C	89.1	89.2	89.2	89.2	89.2	89.2	89.3
: eco1 8	2.5	d 7 • 5	88.5	89.0	89.6	89.8	90,0	93.2	90.2	00.3	90.3	90.3	90.4	90.4	90.4	90.5
70018		88.3	89.4	93.6	90.9	91.6	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.7	91.8
E GOD E	3.1	85.5	90.8	92 • 4	92.9	93.6	93.3	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.9
5001 8	3.1	95.6	91.3	93.2	94.C	94.1	94.5	94.7	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.2
4 4 6 3 1 6	7.1	4[.]	91.8	94.0	95.0	95.2	95.9	96.4	96.4	96 • 7	96.8	96.8	96.9	96.9	96.9	97.1
3 001 6		90.2	92.0	94 . 4	95.6	95.6	96.6	97.4	97.5	97.8	58.1	98.1	98.2	98.3	98.3	98.6
E 7001 8		90.3	92.0	94.4	95.6	95.9	96.7	97.5	97.7	98 • 1	98.4	98.5	98.8	98.9	99.1	99.5
: 101 6	3.1	9 C • 3	92.0	94 • 4	95.6	95.9	96.7	97.5	97.7	98.1	98.4	98.6	99.0	99.3	99.5	100.0
31.6	3.1	96.3	92.0	94.4	95.6	95.9	96 . 7	97.5	97.7	98.1	98.4	98.6	99.0	99.3	00.5	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 77-87 MONTH: ALL HOURS (LST): CEILING VISIPILITY IN STATUTE MILES GE GE GF 3 2 1/2 GE GE GE IN GE FEET | GE Ç 1 1/2 1 1/4 5/8 1/2 5/16 1/4 ٥ 65.7 NO CEIL | 63.9 65.3 65.4 65.6 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 GE 200001 71.3 73.0 73.5 73.5 73.5 73.5 73.5 72.5 73.5 73.6 73.7 73.7 73.7 73.7 73.8 73.8 73.8 73.8 73.8 180 00 | 71.€ 73.9 160001 71.7 73.9 73.9 73.9 73.9 74.7 73.9 74.7 73.9 GF 7 1 .0 73.0 73.5 73.8 73.8 73.9 73.9 74.2 74.7 74 .4 74.6 74 . 6 74.5 74.€ 12:001 74.0 75.a 76.0 76.2 7€.2 76.2 76.3 76.3 76.3 76.3 76.3 76.3 76.3 76.3 73.5 78.5 78.5 78.5 78.5 GE 100001 76.0 78.0 76.4 78.8 9360| 75.3 8000| 77.8 76.2 79.9 78.5 78.6 78.7 7 c . 7 18.7 78.7 78.7 78.8 78.8 78.8 78.8 78.8 78.8 80.1 80.7 80.4 80.4 ίE 80.3 80.4 5 C .4 67.4 80.4 83.4 80.4 80.4 80.5 80.5 80.5 80.9 70001 79.3 86.9 8 C. 4 80.9 81.0 81.0 81.0 81.0 81.0 GΕ 61001 78.8 81.2 81.5 81.5 81.5 81.6 81.6 81.6 81.6 81.6 81.6 81.5 üΕ 50001 80.0 82.7 82.9 93.C 83.1 83.1 83.1 R3.1 83.1 83.1 45001 80.7 40001 82.1 31.2 83.9 85.6 84.0 85.6 84.0 85.7 ٤£ 83.5 83.8 83.8 83.6 83.9 83.9 83.9 83.9 83.9 83,9 84.0 GE 85.2 85.4 86.3 65.5 85.5 85.6 85.6 85.6 85.6 85.6 85.6 85.6 45.7 35001 62.9 ĿΕ 86 .5 86.5 86.5 3CC01 63.8 at. 9 87.3 27.6 87.7 87.7 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.9 89.9 89.0 89.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 88.1 25001 84.8 20001 86.1 18001 86.3 89.6 90.7 91.0 90.7 90.7 91.1 GĘ 90.1 90.4 90.5 96.6 9J.6 90.7 90.7 99.7 90.7 90.7 90.7 91.1 93.4 91.0 91.0 91.1 91.1 91.1 91.1 ьE 90.8 90.9 90.9 92.2 93.5 92.3 92.3 91.1 92.3 ьE 12601 87.8 92.2 92.8 93.2 93.4 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 94.6 94.6 94.6 94.6 94.6 94.6 94.7 10001 89.2 93.0 űĘ 9.01 58.4 8001 58.6 93.6 94.3 94.9 95.1 95.7 95.1 95.3 95.9 95.3 95.9 95.3 96.0 95.4 96.0 95.4 96.0 95.2 95.3 95.4 95.4 95.4 96.0 96.0 95.9 96.0 95.8 GΕ 96.2 96.4 97.2 υĒ ĿΕ £ LC | 68.7 94.6 95.6 96.5 96.8 96.9 97.1 97.3 97.3 97.3 97.4 F 201 64.8 94.9 97.0 97.4 97.5 97.8 97.9 98.C 98.1 98.1 98.1 98.1 98.2 98.2 98.2 4271 55.8 3601 69.8 95.0 97.3 97.4 97.9 98.3 98.6 98.5 98.9 98.6 99.0 98.8 99.3 98.8 99.4 98.9 r, F 96.1 97.8 98.7 98.8 98.8 98.8 96.2 99.3 99.4 99.4 99.0 99.2 SE 99.0 99.3 99.6 63.8 97.4 3.80 99.1 99.5 99.5 99.7 99.7 99.A 99.5 100.0 JΕ 1001 68.9 95.C 96.2 97.4 98.1 96.2 98.6 99.0 99.1 99.3 99.6 99.8 96.2 99.9 100.0 GΕ 31 68.8 25.0 97.4 69.1 98.2 90.6 99.0 99.1 99.3 99.5 99.6 99.7 99.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FACH FOURLY OBSERVATIONS

PERIOD OF RECORD: STATION NUMBER: 722665 STATION NAME: DYESS AFB TX MONTH: JAN PERCENTAGE FREQUENCY OF TENTES OF TOTAL SKY COVER FOLRS | (LST) | TOTAL ? 2 4 5 6 0 7 9 10 MEAN 1 085 924 34.1 4.8 00-02 | 23,4 13.3 29.2 03-05 1 33.9 21.4 13.4 31.4 5.0 927 27.3 32.9 927 1 30-30 21.4 18.4 5.8 09-11 | 13.2 28.6 21.8 36.2 926 6.4 12-14 1 12.3 3 € •8 21.0 36.0 930 15-17 | 12.7 31.6 23.8 32.5 6.3 929 16.1 19-20 1 31.9 22.7 29.3 5.9 919 21-23 | 21.1 22.0 17.0 29.4 926 TOTALS } 7408 21.9 27.2

STATION NUMBER:					MONTH		79-87		
HOURS (LST)	1	0 1			TOTAL SKY	9	10	MEAN	TOTAL
00-02	1 30	1.6	 25.4	 •••	 	 12.6	₹1.4	5.0	842
07-05	1 30	1.7	22.8			12.0	34.6	5 • 2	845
C6-08	1 18	1.3	28.5			19.1	34.6	6 • D	843
69-11	1 13	3.3	24.0			20.6	37.2	6 • 4	845
12-14	1 13	5.8	29.2			21.7	35.4	6.4	840
15-17	1 11	. • 4	31.6			23.4	33.5	6 • 4	832
18-20	! 12	?•4	30.4			21.0	30.2	6.0	841
21-23	1 28	1.6	29.6			12.3	29.5	4.9	845
TOTALS	1 19	1.9	29.0			17.8	33.3	5 • 6	6733

PFRCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM FOURLY OBSERVATIONS

STATION NUMBER:	722665	STATION NAME	: DYESS AF	в тх			MONTH	OF RECORD:	78-87		
HOUFS (LST)		1	PERCEI	NTAGE FREGU				COVER 8 9	10	MEAN	TOTAL OBS
L3+32	37.	1	25.	.9	• • • • • • • •	• • • • • • • • • •	• • • • • • • • •	13.	23.9	4.3	927
03-05	34.	4	25	•2				12.8	27.6	4.7	928
26-08	1 19.	5	31.	•1				18.9	30.5	5.7	925
09-11	1 15.	9	29.	•6				22.5	31.6	6 • 1	93C
12-14	1 13.	1	33.	•5				25.0	28.4	6.1	924
15-17	1 10.	8	3 4 .	•1				26.	7 28.4	6 • 3	918
18-25	1 14.	9	35	• b				23.	26.0	5 • 8	911
21-23	31.	6	29.	• ઇ				16.	3 22.3	4.6	919
TOTALS	1 22.	2	₹;;	•6.				10.0	27.1	5.5	7382

STATION NUMBER: 737		TION NAME:	-				MONT	D OF R	-	78-87		
HOURS {LST)	0	1		PERCENTAGE 3						10	MEAN	TOTAL OBS
03-02 (39.5		• • • • •	25.6	• • • • • • •	• • • • • • •	 • • • • • • • •	•••••	13.2	21.5	4.1	892
03-05	37.8			27.2					12.9	22.1	4.2	894
66-06	16.3			36.0					22.8	24.9	5 • 6	895
09-11	17.9			35.3					23.5	23.2	5.5	897
12-14	14.8			40.0					22.5	22.7	5.5	890
15-17	13.5			42.7					25.7	18.1	5.4	883
14-20	16.9			39.1					26.2	17.8	5.3	875
21-23 1	34.9			37.0			j		16.7	18.4	4.2	882
TOTALS 1	24.0			34.5					20.4	21.1	5.0	7108

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER:			AME: DYES	S AFT TX				MONTH	OF REC		78-87		
Faurs (LST)	1	D 1	2	FRCLNTAGE	FREQUENCY	0 F		TOTAL SKY		9	10	ME AN	TOTAL OBS
a-ca	35			26.7		•••	•••••		•••••	15.7	20.4	4.3	928
2:+05	1 25	5 • C		34.3						17.6	23.2	4.5	928
J£-03	1 11	1.1		34.2						31.0	23.7	6 • 2	928
09-11	1 12	2.5		34.2						28.9	24.5	6.1	929
12-14	J 11	1.9		35.5						32.1	19.9	6.0	930
15-17	1 10	1.2		39.7						33.0	17.1	5.9	923
18-20	1 12	. 3		41.4						28.5	17.8	5 • 6	918
21-23	1 76	. 4		36.4						16.8	20.4	4 • 6	922
TOTALS	1 18	1.1		35.6						25.5	20.9	5.5	7405

ATION NUMBER: 7	22665 ST	ATTON NAME: !	XT DHA 223YC					OD OF RE	CORD:	78-87		
FOLRS (LST)	a	1	PERCENTAGE.	FHE CUENCY	0 F 5	TENTHS OF	TOTAL S	KY COVER	9	10	™EAN	TOTAL Obs
cc-32 I	36.3	• • • • • • • • • • • • •	24.2	• • • • • • • • • •	•••	••••••	• • • • • • •	• • • • • • •	16.5	18.0	4.2	898
63-65 1	26.3		35.5						20.3	17.9	4.7	897
06-08	12.3		30.1						32.8	16.8	5 . 8	897
09-11	9.8		43.4						32.4	14.4	5.7	898
1 ~= 14	8.7		49.3						30.6	11.4	5.4	900
15-17	9.1		52.6						29.7	8 • 4	5.1	900
18-20 i	9.2		53.2						27.3	10.2	5 • 1	900
21-23	22.6		43.3						19.9	14.1	4.5	898
TOTALS	15.8		43.1						26.2	13.9	5.1	7188

PFRCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOUGHY OBSERVATIONS

STATION NUMBER:							۲	ONTH	OF REC		78-87		
FOLRS (LST)	J	0 1	p {		FREGUENCY 4					9	10	MEAN	TOTAL OBS
27-02	1 47	-4	• • • • •	31,5	• • • • • • • • • •	•••	 •••••	••••		13.4	7.8	2.9	927
0:-05	1 40	•0		37.5						14.4	8 - 1	3.2	928
C6-08	1 17	•5		53.7						21.3	7.6	4 • 3	927
39-11	1 19	•0		54.9						21.1	6.0	4.1	929
12-14	7	· 3		65.1						21.2	6 • B	4.5	930
15-17	1 4	•5		65.3						23.0	7.2	4.7	930
19-20	1 6	•0		69.0						17.8	7.1	4.4	930
21-23	1 31	•9		56.1						12.7	5 • 3	3.2	928
TOTALS	1 21	•5		53.4						18.1	7.0	3.9	7429

STATION NUMBER: 72	2665 STA	TION NAME:	OYESS AF	a tx				MON	OD OF RE		78-87		
HOURS (LST)	3	1	PERCE!		FREQUEN		ENTHS OF				10	MEAN	TOTAL OBS
ca-92 l	39.8	• • • • • • • • •	32	.9	• • • • • • •	•••••	•••••		•••••	16.2	11.1	3.6	930
03-05 F	37.6		3 &	. 6						14.7	11.1	3.5	930
76-08	12.8		5.7	•6						23.8	10.5	4 • 8	925
19-11	11.5		5.5	. 3						25.2	7.9	4.7	927
12-14-1	2.8		5 દ	.9						31.7	8 • 6	5.4	930
15-17	2.2		5.8	٤.						32.7	6 • 9	5.4	930
16-20 1	4.0		5 9	. 2						30.6	6 • 1	5.1	927
21-23	26.2		44	• Б						18.8	10.2	4.1	927
TOTALS	17-1		45.	.6						24.2	9.1	4.6	7426

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER:	722665 STA	TION NAME:	DYESS AFB T	×			MONT	DD OF RE TH: SEP		77-86		
HOUFS (LST)		1	PERCENTA 2 3	GE FREQUE			TOTAL SH			10	MEAN	TOTAL OBS
ra-02	37.6		34.1	•••••	• • • • • • • • •	• • • • • • • •		• • • • • • •	12.3	16.0	3.7	894
03+05	32.0		3 ≈ • 2						14.4	15.5	4.0	898
C6-C8	10.7		45.5						26.8	17.0	5.5	89 <i>2</i>
29-11	10.9		46.4						25.4	17.4	5.4	893
12-14	1 6.3		55.1						29.3	14.3	5.6	898
15-17	1 6.1		4 8 • 8						31.7	13.4	5.7	900
18-20	9.4		53.3						23.1	14.1	5.1	900
21-23	32.1		36.9						18.2	12.8	4.0	897
TGTALS	1 18.1		44.2						22.7	15.1	4.9	7172

STATION NUMBER:	732665	STAT	ION NAME:	DYES	S AFR TX					MO	NTH:	OF REC		77-86		
HOURS (LST)	-	э	1	P1	CRCENTAGE 7	FREQUEN C Y	0 F 5		OF			COVER 8	9	10	MEAN	TOTAL OBS
€a ~ €2	1 38	3.7		••••	25.5		•••	•••••	••••	••••	• • • •		15.5	20.3	4.2	927
L3-05	1 39	5.6			27.0								12.7	24.6	4.4	926
80-68] 20	0 - 1			35.7								21.7	22.5	5 + 3	927
27-11	1 16	6.7			37.2								23.8	22.3	5.5	928
12-14	1 13	3.4			41.7								26.5	18.3	5.5	927
15-17	1 12	2.0			46.5								27.1	14.4	5.3	925
14-20	17	7 • 8			45.6								20.3	16.3	4 • 8	926
21-23	1 24	4.0			31.4								15.5	19.1	4.2	930
FOTALS	•	3.5			36.3								20.4	19.7	4.9	7416

FEHCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER:								PERIOD Month	: NOV		77-86		
HOURS (LST)	1	0 1	£	ERCENTAGE 3	FREGUENCY	0 F 5	TENTHS OF	TOTAL SKY	COVER 8	9	10	ME AN	TOTAL OBS
60 -02] 39	7	••••••	23.0	• • • • • • • • • •	•••	•••••		•••••	13.8	23.6	4.3	950
03-05	41	. •5		26.2						13.5	24.8	4 . 3	898
L6-C8	1 23	3.2		31.2						19+1	26.5	5 • 3	895
£9-11	1 16	.4		3:.6						23.0	29.0	5.9	900
12-14	1 13	3.2		34.5						20.7	26.6	5.7	899
15-17	1 13	-1		37.2						25.2	24.5	5 • 8	894
19-20	1 18	.8		37.7						20.0	23.5	5.3	899
21-23	1 36	• 2		22.9						15.1	25.8	4.6	900
TUTALS	1 25	.3	•••••	30.4						18.8	25.5	5 . 2	7185

STATION NUMBER:									MONTH	OF RE		77-86		
FOLRS (LST)		ō	1		PERCENTAGE 3							10	™E AN	OB2
C 0+ 0.2		3 - 8	•••••	••••	26.3	• • • • • • • • • • • • • • • • • • • •	•••	•••••	• • • • • • • • •	•••••	10.2	30.6	4.6	927
03-05	1 40	0.6			19.3						9.1	31.1	4.5	924
56-08	l 23	. 3			36.2						16.1	30.5	5.4	928
29-11	1 14	.1			30.1						23.6	32.1	6.2	927
12-14	1 11	. •8			32.5						23.1	32.5	6.3	929
15-17	1 12	.5			32.3						25 • 1	30.1	6 • 2	923
19-20	1 19	•9			33.3						17.2	29.5	5.5	924
21-23	33	. 7			24.6						11.8	30.0	4 . 8	924
TOTALS	1 24	. 3			27.8						17.0	30.8	5.4	7406

PERCENTAGE FREUDENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

77-87 STATION NUMBER: 722665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: MONTH: ALL PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS 1 10 5 6 9 MEAN ILSTI I 085 21.9 27.2 18.9 32.1 5.7 ALL 1 JAN 17.8 33.3 5.8 6733 FEF 19.9 29.0 ı 27.3 30.6 19.9 5.5 7382 MAG 22.2 APP 34.5 20.4 21.1 5.0 7108 24.0 19.1 35.6 25.5 20.9 5.5 7405 MAY 13.9 5.1 JUN 16.8 43.1 26.2 7188 3.9 7429 Jlt 21.5 53.4 18.1 7.0 45.0 9.1 4.6 7426 24.2 17.1 Auf 4.9 22.7 15.1 7172 SEF 18.1 44.2 4.9 19.7 7416 001 20.4 25.3 36.4 18.8 25.5 5.2 7185 NCV 27.6 17.0 30.8 1 DEC 24.3 20.8 21.3 87258 TOTALS | 21.1 36.00 5.1

f-PPPP	P PP	444	AAA	RRRR	RRRR	1111111111	EEEEEEEE
PPPPP	P PP P	3 8 8 8	AAAA	RRAR	REHER	17 17 7 17 7 7 7	EEEEEEEEE
9.4	ዞዮ	AA	AA	RP	RR	11	EE
PP	PP	A A	AA	RR	RP	1 7	EE
PPPPP	PPPP	4 A	AA	RERE	RRRRR	TT	EEEEEE
PPPPP	P PP	AAAAA	AAAAA	RRRR	RRRR	17	EEEEEE
ΡP			CAAAA	E G	RP	17	EE
FΡ		4 4	AA	₽.R	RR	11	EE
44		A A	AA	8.8	HR	11	EEEEEEEEE
P.P		AA	AA	BB	P R	TT	EEEEEEEE

TEMPERATURE AND DELATIVE FUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DATLY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY BATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FARRENHEIT INCREMENTS PLUS THE MEAN. STANDARD DEVILATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAFFERFELT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY COSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS TO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OF MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA LERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE MIGHEST (LOWEST) TEMPETATURE FOR THE MONTH FOR EACH YEAR.

FLEG PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTRAIST INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (AFT BULB AND DEW POINT) TEMPERATURES

BATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PPEGENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND GUSERVATION COUNTS.

CUMULATIVE FERGENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE MUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMPAGIZED BY THE STANDARD 3-HOUR TIME CHOURS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCHEMENTS OF RELATIVE HUMIDITY.

ALCO PRESENTED ARE THE MEAN VALUES AND OPSERVATION COUNTS.

CLMULATIVE PERCENTAGE OF OCCURPENCE OF MAXIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

ANNUAL	DEC	NOV	001	SEP	AĽG	JUL	JUN	PAY	A PR	MAR	FLB	_A 1.	TEMP(F)
•3		• • • • • • •	• • • • • • • •	. 1	1.2	1.1	. 8	. 3	• • • • • • • •	•••••	•••••	• • • • • • •	GE 1651
3.7			• 3	2.7	15.5	16.8	ċ • 8	ذ ۱۰ د					GE 1001
14.1		• 1	1.1	10.8	52.1	55 • 3	28.8	× • 7	1.7	ذ.			6E 951
26.1		. 2	7 - 1	41.4	78.4	83.3	D; 44	25.1	n . L	1.0			GE 4"1
36.6	• 1	1.6	21.4	63.8	91.1	93.7	12.4	47.9	23.2	ċ .4	1.5	• 2	€E 671
46.5	.9	7.7	40.3	77.6	97.2	98 • 2	63.3	75.4	45.8	15.2	5.7	1.4	6E F 1
56.3	5.3	25.4	61.8	87.7	99.1	99 • 4	97.7	84 · c	€0.6	29.7	13.6	€.6	GE 751
66 • D	15.8	40.4	79.7	94.1	99.8	100.0	99.2	54.3	77.3	46.7	23.6	14.4	υE 7"
73.8	30.4	54 • 7	88.7	97.7	100.0		49.9	97.1	£7.6	64.0	36.5	25.2	CE 651
80.7	45.1	69.0	94.2	98.9			1:6.9	99.3	93.2	75.7	51.0	19.4	SE EST
86 • 5	€9.8	79,6	97.2	99.5				94.5	97.5	84 . 6	65.6	22.7	uE 551
91.2	72.3	88.5	98.8	33.3				100.0	94.4	97	76.2	66.6	(. c 3)
94.5	€2.8	94.2	99.5	100.0					55.5	95.6	84.5	76.1	CE 451
96.7	€9.8	97.7	100.0						166.0	91.5	91.4	34.5	GE 4%1
98.3	95.0	99.3								99.4	95.3	3	UE 351
99.3	98.2	99.7								99.5	99.4	.5.3	uE 371
99.8	99.5	100.0								103.0	99.6	5 8 . I	GE 251
99 .9											99.5	94.2	66 - 1
100.0	59.7											1 ~ 5 . 5	GE 151
100.0	100.0										100.0		6E 171
75.3	56.8	64.9	76.4	26.C	93.7	94.4	94	63.5	70.6	67.5	59.1	54.4	Mr Ata j
17.358	12.434	11.766	9.627	9.161	6.229	5.703	6.063	8.547	10.216	12.084	13.461	13.793	Su j
12213	1054	990	1023	990	1054	1054	1623	1354	9.76	1023	932	1 02 3	1014L 0FS

CUMULATIVE FERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

 	 	~ C	٠.	 	

ANNUA	DEC	NOV	001	SEP	AUG	JUL	ากผ	MAY	# PR	MAR	FEB	_ A N,	TEMP(F)
.7	• • • • • • • •	• • • • • • •	• • • • • • •		3.7	3.3	.6	• • • • • • • •	• • • • • • •	•••••	•••••	•••••	LE ell
8.2			. 3	8.0	33.0	38 • 4	14.5	2.0					ا\$∵ تا
21.7			4.5	75.7	71.8	78 • 5	50.3	13.3	1 • 3				6E 731
33.7	- 1	1.1	15.9	6 C . 4	94.3	97.5	20.4	36.5	10.4	• 9			6E 6F1
42.8	• 6	6 • 5	32.0	77.6	99.C	59.9	94.5	63.9	26.4	5.7	. 6	• 1	6E 671
51.0	2.5	14.7	50.7	89.3	99.8	100.0	4c + 4	62.4	46.1	15.5	4.7	1.4	UF 151
59.1	6.1	26.2	71.1	96.4	170.5		100.0	92.4	65.0	20.7	11.6	4.€	GL 514
67.1	15.4	42.7	86.9	99.1				97.4	81.8	45.5	21,2	10.6	υξ 4±
75.4	28.4	64.3	95.4	9.8				99.E	91.i	64.5	36.1	. 1. 5	uf: 4^
83.6	49.2	30.4	99.2	170.0				100.0	97.3	8 u . ¥	55.4	59.5	GE STA
86.9	£9.U	86.6	99.7						9 ć . L	90 • ⊃	64.2	40.4	6: 331
91.1	73.8	93.0	99.9						99.1	92 • •	75.2	5 c • 4	LE ? 1
95.8	£7.6	97.7	100.3						166.6	\$7.3	89.9	27.4	UE OF L
98.1	54.9	99.4								99.3	96.7	r 7.4	6E 271
99.3	58.1	100.0								99.6	97.2	14.5	ųΕ 15 l
99.7	59.2										99.7	57.0	UL :-
100.0	59.8									100.0	99.8	3.6€	GF ? !
106.0	160.0										70.5	,,,,	us I
160.0											133.3		UE -5
100.0												1 12.0	6E l
53.1	34.8	43.3	54.7	45.3	72 • C	72.8	£0.9	51.3	5	،،،،،،، ئەزە	36.4	31.5	ML AN
16.654	9.578	9.838	8.681	7.666	4.676	4.097	5.481	7.470	9. 5 6 9	9.491	13.365	16.340	50 (
12213	1054	990	1023	990	1054	1054	1620	1.54	946	1023	732	1.23	TOTAL OBS I

CUMPLIATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES. FROM SUMMARY OF DAY DATA

STATION NUMBE	R: 70266	Ε,	SIATION	NAME:	DYESS AF	u Ix				PERIC	D OF REC	ORD: 43-	45. 56-87
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	• • • • • • • •	• • • • • • • •	• • • • • • •	••••••	•••••	· · · · · · · · · · · · · · · · · · ·
TEMPEFIL	_£1;	FEB	MAR	AFR	MAX	JLN	JLL	ΑĽG	SEP	0 C T	NOV	DEC	ANNUAL
SF 971 SE 971 SE 251 SE 251 SE 771 UF 775 UF 871 SE 871	-1 1-5 6-8 11-9 7-0-0 4-8-7 7-3-5 77-9 5-3-8 -7-9 5-3-8	113 7.2 26.5 45.3 77.6 86.6 94.6 97.6 97.6	20.4 37.7 55.4 73.4 55.6 93.5 97.4 20.4	3 + 12 14 + 5 3 2 + 9 5 3 + 9 8 2 + 9 9 4 + 6 9 9 + 12 15 6 + 12	2	2.45 54.0 54.3 65.3 65.3 65.9 10	0.3 47.5 82.9 97.0 99.7 1:0.0	1 7.5 45.0 76.3 94.7 99.5 99.5	7 10.8 70.7 61.5 78.3 91.9 97.0 99.1 99.0	4.2 17.4 34.6 56.5 78.5 90.2 96.4 99.9 100.0	.1 .4 6.3 18.4 31.8 49.2 66.7 82.3 92.2 97.6 99.2 99.8 100.0	3.3 10.2 20.4 37.9 57.0 74.1 67.5 57.7 59.6 59.6	10.9 23.9 35.0 44.3 53.7 62.7 70.6 79.0 86.4 92.0 95.8 97.9 99.2 99.7 99.7
ME AU Su TOTAL 035	43.2 11.167 1223	49.5 10.889 932	55.7 16.262 1023	£4.9 3.67 49£	72.7 7.361 1654	79.9 5.715 1023	83.8 4.51^ 1054	83.1 5.010 1354	75.9 7.746 995	65.8 8.533 1023	54.3 10.037 990	46.0 10.143 1054	64.4 16.592 1 ² 213

CERSAE CEIMATREDGY HEANCH GCAFLTAC HIR WEATHER SERVICLYMAC

EXTREME VALUES OF MAXIMUM TEMPERATURE (FPOS DAILY COSCRIVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFR IX

PERIOD OF RECORD: 43-45, 56-67

t					*	HOLE DLG	RFES FAHI N=T-H-S-	REMHEIT					ALL
YEAR I	74,	Fib	MAR	247	HAY	ากที่	, JUL	MUG	SEP	0.01	NOV	£ £ C	MONTH
45	• • • • • • • •	• • • • • • • •	•••••	• • • • • • •		• • • • • • • • •	••••••	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	70	• • • • • • • •
4.4	79	75	5 7	9 5	94	161	106	106	95	38	87	7 1	10
45	74	ಕತ	೬६	5 č	150	154	100	105	9.8	90	92	75	10
10 1				25 G	96	1.4	104	106	100	96	81	78	
5.7	52	95	o 2	9.2	ئ د	102	104	103	99	90	8 1	74	10
no l	71	73	13	94	46	162	1;; 3	102	95	93	79	86	10
モノート	74,	9.2	9.5	97	· j C	101	47	104	103	89	7 8	73	10
4. 1	7.2	42	¥ 2	9.3	148	166	106	99	161	91	8 3	69	10
61	71	81	ა 5	çr	9.5	94	93	98	9€	67	83	74	9
(2)	7 ?	ه د	0 8	9.7	1	59	101	103	94	97	85	77	10
	ತಿನಿ	2 2	9.2	, ;	97	57	101	100	98	91	96	72	10
64 1	19	69	34	9 4	£ 43	103	1 ₀ 4	108	94	94	8 Z	8.3	10
65 1	15	79	んこ	94	3.3	44	10.1	100	1 ii 3	93	8 7	74	10
ou l	7.	ن 7	3 7	3 7	17	43	1J I	104	92	93	81	83	10
61	17	75	7 r	96	1.6	99	163	102	92	8.5	8 C	72	10
60 1	77	69	7.8	b !	9.5	99	99	101	48	98	84	72	10
69	ja.	7',	₹ ?	£ ~	16	4 ل 1	103	106	93	90	8.3	77	10
7. 1	e l	45	a 1	9.11	≠ 5	163	166	102	:ພວ	90	85	8.0	10
71 1	7 -:	F 2	45	44	93,	93	1u 1	9.0	92	8.5	8 C	76	10
7.2	÷	35	86	ب وا	9 ·	1,7	9 દ	9.8	96	95	76	79	10
7: 1	1.7	a.,	75	t !	òа	9.5	49	182	95	92	85	8.2	10
74	-4	5.5	# E	۶ ۲	وا وا	100	5 ن 1	95	92	82	77	76	10
*5 1	e. 7	7.7	a 8	,:	7:	163	96	95	96	92	9.5	79	10
76 1	77	77	y :	કુ દ	·	9.1	95	99	94	89	76	74	9
77	ران	n.	36	o ?	1 (4)	99	10.2	103	105	86	85	გე	10
? a	13	7c	ے تو	٠, ٠	11	:62	10.7	9.8	4 ક	90	84	7.8	10
29 1	71	າະ	s 7	ን :	١ ټو	- g∙a	100	99	162	103	79	79	10
a. 1	41	5 ?	€ 1	9.7	95	11.9	137	105	100	93	95	80	19
6 i	16	3₌	0 !	ē ^c	: 7	151	102	99	95	90	86	8 <i>2</i>	10
42 1	7:	32	59	ŷ ¢	9.4	5 7	102	105	142	93	81	76	10

MOTEL * CASES ON LESS THAN FULL MONTHS: A CAT LEAST ONE DAY LESS THAN 24 OBST

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 722665 STATION NAME: Dyess AFB TX

PERIOD OF RECORD: 43-45, 56-87

1					1	-M-0 Port Dei	SREES FA -N-T-H-S				• •		ALL
YEAD	MA L	FEL	94*	APR	MAY	JUN	JUL	AUG	SEP	0.01	NOV	LEC	MENTHS
63 l	70	3č	d 5	93	95	106	104	106	103	93	80	75	106
2.4	76	3;	a 5	56	101	103	101	104	100	86	8 3	75	104
F5 1	73	71	ø 2	91	153	99	162	100	100	87	81	71	103
1 ac	ć1	87	8.6	94	59	96	147	106	92	87	81	72	107
87	79	7 š	78	46	91	97	96	102					_
MEAN 1	75.7	80.2	85.8	92.0	97.0	1ນຄ.6	131.6	101.6	97.4	95.9	82.8	76.3	104.2
1 .11.3	5 - 445	5.263	5.268	4.412	4.723	3.735	7.575	3.861	3.941	4.193	4.101	4.189	2.616
AL COS I	1 23	9.32	1023	996	1054	1027	1 C5 4	1054	990	1023	990	1054	12213

MOTES . CRASED ON LESS THAN FULL MONTHS)

H (ET LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFT IX

PERIOD OF RECORD: 43-45, 56-87

1					N.	FOLE DEGI	REES FAH N-T-H-S-	RENHEIT					ALL
YEAR T	JAN	FEB	MAR	APC	MAY	JLN	JLL	AUG	SEP	007	NOV	DEC	MONTHS
43 1		• • • • • • •		• • • • • • • •		• • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	15	• • • • • • • •
44	7	19	2 3	<i>57</i>	45	£ 1	65	59	54	40	28	24	7
45 1	2-,	25	37	3.1	4.0	56	6.3	63	43	37	24	18	18
50 1				o 5 [55	67	6.9	59	54	48	22	25	
57	14.	31	ن 3	2.9	4 &	5.8	70	68	53	31	2 3	22	19
5 o 1	17	20	2.6	3.7	4 ê	60	64	64	51	45	26	13	1 3
59 1	4	1.7	- 9	3:	5 3	62	65	65	47	39	17	26	4
6.1	16	1.7	16	3€	4.1	62	6.5	64	54	39	23	21	10
5: 1	13	23	3.2	35	45	63	64	5.3	50	38	3 1	17	1 3
62 1	5	1.5	ç	3 ?	46	5 8	66	54	5 3	40	31	17	9
63 1	5	16	2.5	4.2	53	€1	6.7	62	42	43	3 1	16	
£4	:1	23	26	36	44	50	6 ე	66	4.8	43	24	16	1 3
6.5	2.2	16	15	4 5	5.4	59	5 7	62	51	39	27	27	1 9
te [7	15	ے نے	3.7	4.3	১১	פד	5.5	51	35	24	9	
67 1	11	15	~ 5	4 ~	3.5	٤2	65	61	42	38	31	22	1 :
cc l	11	21	2.6	3.2	4.7	53	64	64	46	36	3 ტ	13	1.
£9	≟e	26	25	37	4.5	5.2	66	8 6	57	37	29	23	1 4
7. 1	12	22	26	2.7	4.5	5.2	61	61	52	35	20	20	1.3
71	ŧ.	7	17	2.5	4 :.	Ĺζ	5 0	60	46	43	29	26	
72 1	S	15	26	3.3	44	5.5	62	65	39	38	25	13	
12 1	-7	21	3 E	£ B	4 ''	56	63	59	4.8	38	32	16	-
74	12	21	2 F	36	4.7	5.3	65	65	45	42	20	21	1:
75 1	1.1	21	_:7	4 5	44	55	6.5	61	44	38	23	13	14
70	G	25	3 6	3 €	44	5.3	63	61	49	29	16	11	•
77	8	24	25	3.7	54	59	69	69	59	33	30	1.0	
78]	16	15	17	39	4.2	59	67	64	58	41	32	19	1 9
79 1	10	19	29	3.9	37	ړخ	£ 5	58	4.8	34	19	20	10
این		15	9	34	49	60	65	72	57	33	26	20	
E1	28	14	33	4.0	4 2	56	67	62	49	36	3 C	21	14
82 1	7	15	2 C.	3 3	40	51)	69	70	56	40	18	23	

SCILS W LEASED ON LESS THAN FULL MONTHS)
R (AT LEAST ONE DAY LESS THAN 24 0BS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY CUSERVATIONS)

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PEPIOD OF RECORD: 43-45, 56-87

•••••	•••	• • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •			REES FA		• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
		1						-M-0.	N- T-H-S	-					ALL
	AP	1	MA L	FEB	MAR	4 P F	MAY	JUN	JUL	AUG	SEP	0 C T	NOV	DEC	MONTHS
														• • • • • • • • • • •	
8	٤	,	۷ ا	25	28	3 1	47	50	62	67	39	44	27	2	2
5	4	1	8	22	26	3 =	42	6.3	61	66	41	43	31	26	8
3	5	1	10	-2	31	5.7	5 1	56	61	66	44	44	28	15	-2
8	c	1	19	19	33	3.7	40	65	67	65	54	39	23	29	19
8	7	1	21	29	23	2.5	5;	5.4	62	5.5					
					 .										
MEA	N	1	12.7	18.8	25.0	34 €	45.3	57.6	64.5	62.7	49.2	38.7	25.8	16.7	9.4
5.0		1	7.541	6.426	7.016	4.569	4.921	4 = 54	3.077	4.523	5.589	4.215	4.684	5.775	5.570
TOTAL O	B 5	1	1 - 23	9 32	1 n 2 3	996	1054	1.20	1 05 4	1054	280	1023	990	1654	12213

NOTES * 18ASED ON LESS THAN FULL MONTHS)
64T LEAST ONE DAY LESS THAN 24 OBS1

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 77-87

HOURS!	l STATS I	J AN	FEB	MAR	APR	Y AM	JUN	JUL	AUG	SEP	0СТ	NOV	E C	A NN
	101 0851	38.C 9.961 930	42.6 11.418 846	53.4 9.870 930	58.4 9.778 900	66.5 7.975 930	73.6 6.241 900	78.4 4.421 930	77.9 5.074 930	72.4 7.650 900	61.4 9.119 930	49.8 10.259 900	41.0 11.268 930	59.3 16.65D 10956
J3-05	TOT 0851		41.1 11.358 846	48.5 9.903 930	56.1 9.502 900	64.2 7.762 530	71.0 5.794 900	75.5 4.184 930	75.3 4.716 930	70.1 7.383 900	59.5 9.237 930	48.3 10.468 900	39•6 11•187 930	57.2 16.208 10956
165-90	MEAN (SD) TOT OBS	35.4 10.052 930	43.0 11.196 846	47.9 9.696 930	56.6 9.168 900	65.1 7.687 930	72.4 5.754 930	76.5 4.442 930	75.6 4.896 930	69.9 7.435 900	59.0 9.176 930	47.4 10.351 900	38.6 11.276 930	57.1 16.800 10956
E9-11	101 0851		46.3 12.747 845	55.7 10.541 930	66.6 9.998 900	73.5 8.522 930	80 • 5 6 • 8 5 3 900	85 • 7 5 • 5 3 2 9 3 0	85.0 6.223 930	78.8 8.857 900	67.5 9.221 930	54.8 11.091 900	44.8 12.699 930	65.1 18.255 10955
12-141	MEAN		53.3 14.482 846	63.1 11.574 930	73.1 13.969 900	79.8 9.439 93ú	86.9 7.507 900	92 • 0 6 • 0 3 6 9 3 0	91.6 6.555 93E	85.4 9.949 900	74.1 9.990 930	61.6 12.287 900	51.7 14.245 930	71.8 18.652 10956
15-17 	MEAN SD TOT OBS		56.C 14.911 846	66.ù 11.489 930	75.5 11.079 900	82.1 9.848 93D	89.1 7.850 900	93.8 6.647 930	93.3 7.063 930	87.0 10. ₀ 23 900	75.5 10.245 930	62.8 12.302 900	53.2 14.232 910	73.8 18.705 10956
18-201	MEAN 3D 101 OBS		50.2 12.902 846	60.5 10.563 936	69.9 10.302 900	77.6 9.217 930	ε4.8 7.642 900	89.8 6.336 930	88.3 6.912 927	81.3 9.073 900	68.1 9.351 930	55.2 10.234 900	46.0 11.559 930	68.0 18.661 10953
21-231	TOT OAS	39.6 iC.171 93C	44.7 11.205 846	53.8 9.887 931	62.1 9.676 9CG	69.7 8.165 936	77.4 6.499 900	82.0 4.727 930	81.2 5.411 927	75.2 7.853 900	63.3 8.911 930	51.3 10.096 900	42.5 11.188 930	62.0 17.197 10953
ALL 1	MEAN !	41.7 12.502	46.8 13.724 6767	55.7 12.284 7440	64.7 12.323 7200	72.3 10.768 7440	79.5 9.401 7200	84 • 2 8 • 5 9 9 74 4 0	83.5 8.899 7434	77.5 10.618 7200	66.3 11.131 7440	53.9 12.197 7200	44.7 13.273 7440	64.3 18.679 87641

GLOBAL CLIMATOLOGY BRANCH MET-BULF TEMPFRATURES DEG F FROM MEANS AND STANDARD DEVIATIONS USAFETAC HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-87

FOURS!	STATS	PAL	FEB	MAR	APR	Y A M	JUN	JUL	AUG	SEP	oct	NOV	LEC	A NN
CC-021	MEAN SD TOT OFS		38.C 9.703 846	44.0 8.733 93u	50.7 9.075 900	59.5 6.825 930	65.8 4.359 898	67.9 2.531 930	67.8 2.764 930	63.7 6.669 900	55.0 8.526 929	44.9 9.757 900	36.6 10.180 930	52.4 14.434 10953
	101 0851		37-1 9-897 846	42.9 9.025 930	49.6 9.260 900	58.5 7.394 929	64.9 4.604 899	67.3 2.773 930	67.2 2.908 930	63.1 6.979 900	54.1 8.891 930	44.1 10.201 900	35.6 10.243 930	51.5 14.664 10954
1 183-63	MEAN SD Tot oas	31.9 9.090 930	36•4 9.944 946	42.7 9.154 93û	5 G • 1 9 • 0 6 2 9 0 0	59.4 6.914 930	66.3 4.580 900	68.6 2.802 930	67.9 3.030 929	63.4 7.130 900	54.1 8.922 930	43.5 10.160 900	34.9 10.440 930	51.7 15.281 10955
39-11	MEAR SD TOT GES	35.9 9.521 930	47.6 10.108 845	47.4 8.673 930	54.8 8.416 9CC	63.1 6.434 930	69.6 4.442 900	72.2 2.180 930	71.7 2.642 93G	67.3 6.638 900	58.6 7.913 930	47.9 9.640 900	39.1 10.619 930	55.8 14.925 10955
12-14	101 095		44.3 10.170 846	5ú.a 8.227 93ú	57.3 7.892 900	64.8 6.302 979	71.1 4.214 900	72.9 2.215 930	72 • 8 2 • 4 7 1 9 3 0	68.6 6.296 900	60.9 7.465 93J	51.0 9.427 900	42.7 10.706 930	58.1 13.907 10955
15-17	101 0951	4C.8 9.38G 93D	45.4 9.848 846	51.6 7.674 929	57.7 7.41C 975	64.8 5.645 930	71.0 3.943 900	72.4 2.185 930	72.3 2.389 929	68.2 5.8°9 900	60.8 7.114 930	51.1 9.194 900	43.3 10.359 930	58.3 13.322 10954
18-201	MEAI.	37.1 8.533 936	42.3 9.385 846	48.9 7.78. 930	55.4 7.628 930	62.9 5.769 930	69.3 3.815 900	70 · 7 2 · 4 1 4 9 3 0	70.6 2.406 927	66.1 6.014 900	57.8 7.564 930	47.5 8.803 900	39.4 9.685 930	55.7 13.848 10953
	101 0851		37.4 9.179 846	45.9 8.276 93u	52.4 8-572 900	60.7 6.470 929	67.2 3.886 899	66.6 2.587 930	68.7 2.629 927	64.3 6.508 900	55.8 8.067 930	45.5 9.281 900	37.4 9.882 930	53.4 14.196 10951
4 L L	MEAN I SO I TOT OBS I	35.8 9.550 7440	47.4 10.272 6767	46.8 9.063 7439	53.5 8.965 7200	61.7 6.829 7437	68.1 4.801 7196	70 • 1 3 • 2 4 0 74 4 0	69.9 3.390 7432	65.6 6.856 7200	57.1 8.490 7439	46.9 9.958 7200	38.6 10.672 7440	54.6 14.567 87630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
HCURLY CUSCRVATIONS
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-87

ursi St l	STATS	JAN	FEB	MAR	APR	МДЧ	JUN	JUL	AUG	SCP	OCT	NOV	LEC	ANN
-02 j I	MEAN SD TOT OBS!	26.7 10.278 930	31.9 10.644 846	36.5 10.974 936	43.1 12.285 900	54.3 8.910 930	61.3 5.259 898	62.1 4.280 930	62.2 4.132 930	58.1 8.697 900	49.7 10.945 929	39.4 11.779 900	29.9 12.217 930	46.3 15.996 10953
-05 l	PEAN	26.3 10.541 930	31.5 11.325 846	36 • 2 11 • 1 3 9 9 3 0	42.9 12.221 900	54.3 8.800 929	61.4 5.147 879	62.7 4.164 930	62.7 3.938 930	58.5 8.851 900	49.5 11.104 930	39.1 12.138 900	29.5 12.252 930	46.3 16.324 10954
1 80- 	MEAN SD TOT OBS	25.7 10.736 930	31.0 11.133 846	36.4 11.093 935	43.6 11.997 900	55.2 8.462 930	62.8 5.086 903	64.5 3.740 930	63.9 3.681 929	59.3 8.863 900	49.9 10.900 930	38.7 12.092 900	29.1 12.365 930	46.7 16.869 10955
-11 -11	MEAN 1 SD 1 TOT OBS	28.1 10.867 930	33.6 11.050 845	38.6 10.895 930	45.0 11.745 9CC	56.4 8.608 93J	64.1 5.226 900	65.7 3.561 930	65.4 3.330 930	60.8 8.651 900	51.7 10.852 930	900	31.4 12.198 930	48.5 16.452 1 ₀ 955
 -14 	TOT ORS I	28.8 10.635 930	34.4 10.661 846	38.7 10.748 930	44.1 11.705 900	55.3 6.779 929	63.3 5.470 90J	63.9 4.441 930	63.9 3.930 930	59.3 8.866 900	51.2 11.167 930	40.8 11.895 900	32.0 12.227 930	48.0 15.845 10955
1 171-	MEAN SD I	28.3 13.588 930	33.8 10.296 846	37.6 10.749 929	42.8 11.602 970	53.6 9.053 930	61.9 5.546 900	61 • 9 4 •8 34 9 3 0	62 • C 4 • 263 929	57.6 8.860 900	49.9 11.134 930	40.0 11.899 900	31.3 12.111 930	46.8 15.437 10954
-2:01 	MEAN SD Tot obs!	27.3 10.082 930	32.9 10.479 846	36.7 11.166 930	42.3 12.176 976	53.3 9.22a 930	61.0 5.446 900	60 • 7 5 • 2 0 0 9 3 0	61.5 4.492 927	56.8 9.126 900	49.5 11.267 930	39.3 11.357 900	30.4 12.064 930	46.1 15.555 10953
-23] 	MEAN SD TOT ORS	26.9 10.412 930	32.5 10.187 346	37.0 10.822 93u	43.0 12.367 950	54.4 8.706 929	61.5 5.199 899	61.3 4.964 930	61.9 4.390 927	57.4 9.083 900	49.6 10.992 930	39.0 11.481 900	30.2 11.968 930	46.3 15.772 10951
	1 443** 1 92 1290 TOT	27.3 10.502	32.7 10.741 6767	37.2 10.983 7439	43.4 12.037 7200	54.6 8.866 7437	62.2 5.400 7196	62.9 4.705 7440	62.9 4.222 7432	58.5 8.954 7200	50.1 11.070 7439	39.6 11.820 7200	30.5 12.207 7440	46.9 16.06D 8763D

GLOBAL CLIMATOLOGY BRANCH
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC
FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATIO	IN NUMBER	7: 7:2665	STATION	NAME:	DYESS AFR	ТX				PERIOD OF MONTH: JAN		8-87	
MONTH	HOURS (LST)	 			FRECUENCY						MEAN -!RELATIVE HUMIDITY		
	•••••			******	•••••	• • • • • •			••••				••••
I NAL	20-62 l	1 120.0	100.0	98.7	93.5	83.1	64.3	41.3	19.6	4.2	65.7	930	
	03-05	120.0	105.0	99.2	95.7	85.8	70.3	46.7	22.4	4.2	68.0	93C	
	06-C9	100.0	100.0	99.4	96.6	88.7	72.3	49.9	24.5	5.1	69.2	930	
į	09-11	1:0.0	100.0	97.2	87.5	72.5	52.7	34.6	18.4	4.9	62.4	930	
!	12-14	1 20.0	97 • 7	83.0	61.6	43.3	30.9	20.1	12.2	1 • 8	50.8	9 3 C.	
į	15-17	100.0	95.4	73.1	52.9	36.3	24.9	16.9	9.9	2.0	46.7	930	
1	18-20	1:0.0	99.4	91.7	75.5	55.7	36.7	22.2	12.9	3.2	55.4	930	
į	21-23	100.0	99.4	97.6	89.0	74.5	56.2	31.8	17.5	4.4	62.6	93C	
i 1	TOTALS	1 [0.E	99.0	92.5	81.5	67.2	51.0	32.9	17.2	3.7	60.1	744C	

GLOBAL CLIMATOLOGY BRANCH GUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE USAFLIAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

RELATIVE FUMIDITY

STATIO	ON NUMPER	1: 722665	MOITATE	NAME:	DYESS AFP	ТX				PERIOD OF MONTH: FEE		78-87	
MONTH	HOURS				FREQUENC						MEAN RELATIVE	TOTAL Num	
	1 1	163	20%	361	401	5.0%	60%	702	\$ C B		HUMIDITY		i
FEB	 nu=sp	1 co. c	150.5	96.8	97.1	83 . 2	67.3	51.4	24.9	7.9	68 • 3	846	
1	33-85	: 60.0	100.0	98.9	95.0	84.9	73.5	57.7	29.7	9.9	70.6	84€	
	S6-58	1:0.0	100.0	99.6	96.2	89.3	75.7	60.4	33.6	9.3	71.9	846	
	09-11	1:0.5	99.9	95.4	86.4	75.7	60.5	42.7	23.0	5.7	64.5	845	
		1:0.0	96 • 5	64.9	67.8	£1.7	36.1	23.6	12.9	3.1	53.3	846	
	! ! 15-17 !	100.0	89.8	76.2	58.2	41.5	28.0	18.7	11.1	2 • 4	48.3	846	
	 18-20	:00.0	96 • 9	87.7	73.2	57.8	41.3	25.4	14.3	3.8	55.7	846	
		100.0	99 • 8	97.9	89.C	75.7	61.1	4ე.8	20.9	6.0	64.8	846	
	1014F2	1 co . c	97.9	92.4	82.4	69.9	55.4	40.1	21.3	6.0	62.2	6767	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702665 STATION NAME: DYESS AFR TX PERIOD OF RECORD: 78-87 MONTH: MAR PERCENTAGE FRECUENCY OF RELATIVE HUMIDITY GREATER THAN 61.3 MAR | 30-32 100.0 99 . 5 95.5 88.7 73.C 52.9 32.3 12.6 . 9 936 03-05 100.0 99.7 97.2 91.5 19.0 60.9 41.6 15.6 1.3 64.4 93C 26-08 100.0 100.0 98.8 93.7 82.3 64.5 45.4 93C 77.7 8.0 . 8 55.5 93C 09-11 100.0 99.2 90.8 58.4 39.5 23.1 12-14 100.0 93.5 74.1 51.8 33.2 19.8 10.1 3.7 . 3 44.2 93E 1:00.0 1 15-17 85.5 59.0 37.0 25.5 14.6 8.1 11.9 • 3 1 18-20 1 24.0 2.4 45.0 93C 100.0 91.6 74.2 54.3 35.5 1 21-23 1:0.5 98.4 92.C 79.4 59.9 40.1 22.4 7.7 • 2 55.8 93C 39.5 7439 TOTALS I 71.9 55.9 100.0 95 . 9 85.2

GLOBAL CLIMATOLOGY BRANCH

USAFLTAC

FROM HOURLY OPSERVATIONS

AIR WEATHER SERVICE/MAG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

FROM HOURLY OPSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

STATI	ON NUMBER	R: 722665	AOITATZ	NAME:	DYESS AFE					PEPIOD OF MONTH: AP	₹	78-87	
PONTH	HOURS	! !			FREQUENCY	OF REI	ATIVE HU	MIDITY 6	REATER	THAN	MEAN	TOTAL	
	1	103	25%	30%	40%	50%	60%	70%	802	90%	HUMIDITY	085	i
APR	1 00-02	1 (0.0	98.6	93.8	82+8	66.7	48.9	31.4	13.6	4 • 13	59.6	905	•••••
	33-65	1:0.0	98 • 8	96.1	90.8	76.2	57.2	36.4	19.3	5 • 6	63.8	900	
	36-58	1:0.0	99.2	96.3	89.1	75.6	63.7	38.8	17.6	5.9	63.9	900	
	09-11	100.0	97 • 8	85.4	64.4	45.1	28.3	14.1	5.0	2.1	49.8	900	
	12-14	1:0.0	87.3	61.4	40.1	23.2	11.2	5.7	2.3	1.2	38.9	906	
	15-17	100.0	78.2	51.3	32.0	16.6	8.7	4 • 6	2.6	1.3	34 • 8	900	
	18-20	105.0	86 • 4	64.6	44.3	29.3	16.3	7.7	3.9	2.0	41.0	90C	
	21-23	1:0.0	96 • 7	89.3	71.2	52.6	35 • 9	18.7	7.4	2.7	53.0	900	
	L TOTALS	i I troud	92.9	70.8	64.3	44.1	73.4	19.7	9.7	7.1	50.4	7201	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

ATIO	ON NUMBE	P: 722665	STATION	NAME:	DYESS AFB	T X				PERIOD OF MONTH: MA		8-87
NTF	FOURS	1 1 • • • • • • • • • •	PEI		FREQLENC						I MEAN I	TOTAL
	(631)	10%	201	361	40%	50%	60%	70%	80%	90%	RELATIVE) HUMIDITY	OBS
ΔY] 30+02	100.0	99.7	98.1	90.8	82.2	68.4	44.6	24.1	5.6	67.0	93C
	03-05	160.0	100.0	98.7	96.1	89.5	78.9	57.1	31.5	8.8	71.8	925
į	06-0P	1 100.C	100.0	99.2	96.3	90.1	79.4	55.2	31.6	9.2	71.8	93C
į	C9-11	100.0	99 • 1	93.3	84.4	67.2	40.8	21.1	8.8	3.0	57.5	93C
	12-14	100.0	95 • 2	80.3	59.7	35.6	18.3	8.4	4 • 1	1.8	46.1	929
!	15-17	100.0	89.0	67.6	46.2	27.6	13.4	6.7	3.1	, 9	41.1	930
:	10-23	100.0	93 • 7	78.7	61.8	42.0	25.8	12.8	5.3	1.3	47.7	93C
į	21-23	1:0.0	99.8	95.3	85.7	71.0	49.5	30 • C	13.7	2.6	60.6	925
i	TOTALS	! ! 1:0∙E	97 • 1	88.9	77.6	63.2	46.3	29.5	15.3	4.2	58.0	7437

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

FROM HOURLY ORSERVATIONS

AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

FROM HOURLY ORSERVATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: MONTH: JUN

78-87

į		1 1 1 1 163	25%	3.3 3	4C %	5 0 t	60%	702	801	90%	MEAN 	TOTAL NUM OBS	•
JUN	70-02	 100.0	99.7	99.7	98.6	87.6	65.9	37.2	16.5	4.6	66.7	896	
į	03-05	1 100.0	100 · C	99.9	99.8	96.7	83.9	55.2	24.5	7.3	72.3	899	
	06-08	10.5	100.0	100.0	100.0	98.3	86.6	55.4	23.8	6 • 2	72.5	900	
	39-11	1 1:0.3	100.0	99.7	93.9	74.2	38.6	15.2	6.4	1.6	58.7	90G	
	12-14	150.0	99 • 7	92.9	67.8	32.2	11.6	5 • 7	2.4	• 3	47.0	900	
,	15-17	1:0.5	99 • 0	83.0	45.6	20.9	10.0	5 • 2	1.3	• 3	42.1	900	
	18-23	100.0	99 • 7	87.6	61.4	33.2	16.4	8 • 3	4.6	. 9	47.0	900	
į	21-23	100.0	99 • 7	99.C	91.5	71.1	42.4	23.4	11.9	2.7	59.9	899	
	107ALS	1:0.0	99.7	95.2	82.3	64.3	44.4	25.7	11.4	3.0	58.3	7196	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

78-87

PEPIOD OF RECORD:

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

										MONTH: JUL		
MONTH	FOURS		PE		FREQUENCY						MEAN	TOTAL
i		101	203	301	453	504	60%	70%	80%	9 02	HUMIDITY!	NUP I OBS I
JUL	00-02	 100.0	100.0	99•8	93.9	66.5	39.4	21.6	9.4	1.8	58.8	930
į	93-05	100.0	100.0	100.0	98.4	86.8	60.5	35.1	17.2	2.3	65.6	93C
ļ	06-05	100.0	100.0	100.C	99.3	91.2	68.3	40.0	15.8	2.3	67.3	930
į	39-11	10.0	100.0	98.6	82.5	50.3	23.9	11.8	3.9	. 8	52.7	93C
į	12-14	1:00.0	99.0	79.6	42.6	19.5	9.8	4.4	1.5	• 2	41.1	930
į	15-17	100.0	95 • 5	60.9	28.6	12.3	7.3	3.8	2.4	• 2	36.7	93C
į	16-23	100.0	98.1	71.8	36.9	18.5	9.7	6.0	2.3		39.9	930
	21-23	1 ca.c	198 • 0	96.9	74.7	45.3	23.4	12.9	5.3	. 9	51.4	93C
i	10TALS	1:0.0	99 • 1	88.5	69.6	48.8	30.3	17.G	7.2	1.1	51.7	744C

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE PUMIDITY

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PEPIOD OF RECORD: MONTH: AUG 78-87

MONTH	HOURS (LST)	*	PEI		FREQUENCY						MEAN 	TOTAL NUM
· · · · · ·		J 10*	20%	3 ú \$	40 %	50%	60%	70%	801	901	HUHIDITY	085
AUG	00-02	100.0	100.0	99.9	93.5	71.7	42.0	23.2	10.3	1.8	59.9	93r
	33-65	1:00.0	100.0	160.0	98.9	67•B	63.5	35.1	15.4	4 . 1	66.0	93[
	06-09	100.0	100.0	100.0	99.5	92.6	70.9	39.1	16.9	4.4	68.0	929
į	09-11	100.0	99.9	98.6	65.8	52.7	22.4	10.0	5.4	1.2	53.3	93C
į	12-14	100.0	99 • 2	94.2	43.7	17.0	7.7	4 • 2	1.6	•2	41.4	93C
į	15-17	100.0	97 • 7	64.7	27.2	13.6	7 • 3	4 . 1	1.6	•1	37.3	925
į	18-23	100.0	99.0	85.7	44.6	23.3	13.6	6.7	3 • 5	• 2	42.8	927
į	21-23	1:00.0	100.0	98.7	79.8	50.2	26.6	14 + C	6.9	1.8	53.7	927
ì	TOTALS	100.0	99.5	90.9	71.6	51.1	31.8	17.1	7.7	1.7	52.8	7432

GLOBAL CLIMATOLOGY BRANCH
CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE
RELATIVE HUMIDITY
LSAFETAC
FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP

1	POURS		PER	CENTAGE	FRECUENC	Y OF REL	ATIVE HU	MIDITY G			MEAN	TOTAL NUM OBS
. i	,	10%	201	30\$	4C%	50%	603	702	80%	90%	[HUMIDITY]	
!	00-02	100.5	100.0	98.9	92.3	74.1	53.8	32.4	16.0	3.0	62.6	900
į	23-85	100.0	106.0	99.7	97.1	85.3	70.2	47.2	23.4	4.7	68.2	900
1	76-G8	100.0	100.0	99.6	98.2	90.4	75.1	51.7	27.1	5.3	70.1	900
i	09-11	1:0.0	99.2	94.7	63.3	60.4	35.9	21.0	9.3	1.3	56.3	900
į	12-14	100.0	96.0	79.4	51.9	29.2	16.3	10.2	4.6	. 4	44.3	90C
	15-17	59.5	92.2	66.3	38.2	22.7	13.7	8.1	3.0	•6	40.1	900
	18-20	100.0	96 • 2	aC.1	55.0	33.6	21.2	13.9	6.7	1.0	46.4	900
	21-23	100.0	99.9	95.7	81.3	59.2	37.9	21.7	10.9	2 • 6	56.4	900
i.	TOTALS	100.0	97.9	89.3	74.6	56.9	40.5	25.8	12.6	2.4	55.6	720C

GLOBAL CLIMATOLOGY BRANCH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH| HOURS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | MEAN | TOTAL | 1 (LST) |...... | HUMIDITY | OBS | 703 20% 301 40% 50% 60% 80% 90% 97.7 OCT | 00-62 | 100.0 100.0 91.5 8 G . 5 64.8 46.4 28.6 9.3 67.8 929 03-05 100.0 100.0 98.6 94.6 85.9 74.0 55.5 35.4 10.5 71.4 93C 36-C8 I 100.0 99.5 95.7 90.0 78.0 62.2 37.6 13.0 73.5 93C 100.0 98 . 8 32.2 60.2 93C 1 09-11 82.0 66.9 50.6 16.9 4.2 100.0 92.8 1 12-14 100.0 94.2 80.3 61.0 40.9 27.3 15.4 8.1 1.5 48.5 93C 1 15-17 52.0 33.7 20.2 13.5 6.7 2.4 44.8 93[100.0 91.7 72.5 87.7 39.7 55.3 1 18-20 100.0 96 • P 72.9 56.2 24.0 12.6 4.1 930 21-23 100.0 99.9 94.9 87.0 73.9 56.3 40.1 22.3 5.8 63.7 93C I TOTALS I 97.7 7439 90.5 66.0 : 00 - 0

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

CUMULATIVE PEPCENTASE FREQUENCY OF OCCUPRENCE FROM HOURLY CREENATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: MONTH: NOV 77-86

MONTH	FOURS			CENTAGE	FREQUENC	Y OF PEL	ATIVE HU	MIUITY G			MEAN	TOTAL NUP
i		10%	20%	363	40%			70*	801	90%	HUMIDITY	•
NOV		I	99 . д	98.8	96.1	86.9	72.3	47.9		7.1	69.0	900
ļ	13-65	10.0	100.0	99.4	97.1	95.7	76.6	56.1	31.1	10.1	71.8	900
!	06+08	100.0	100.0	99.7	97.6	92.1	78.2	67.2	33.4	12.8	73.0	900
!	09-11	1 100.0	99 • 7	46.7	85.6	69.9	52.6	32.7	16.9	6.0	61.8	90L
!	12-14	1 100.0	97 • 7	63.4	63.1	43.0	28.7	18.3	10.1	2.3	50.1	900
ļ	15-17	: ::a.c	95 • 7	78.0	53.9	36.0	24.1	15.2	7.9	1.9	46.9	900
1	18-20	1 1 100.0	99 • 2	94.9	82.3	62.9	43.7	24.1	11.0	2 • 9	57.7	900
1	21-23	1 100.5	99 • 8	97.4	94.2	dG.6	59.3	39.2	18.5	4.7	64.9	900
1	TOTALS	1 100.0	99.0	93.5	87.7	70.3	54.4	36.7	19.1	6.0	61.9	720C

GLOBAL CLIMATOLOGY BRANCH USAFETAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE FUMIDITY

P

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFE TX

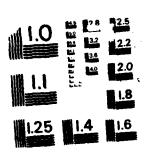
PERIOD OF RECORD: 77-8
MONTH: DEC

| MEAN | TOTAL | |RELATIVE| NUM | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | (LST) | 20% 30% 90% 10% 40% 50% 63% 70% 80% [HUMIDITY| OBS | DEC I 00-02 100.0 99.4 97.4 92.9 80.6 64.3 45.7 27.1 67.0 93C 6.8 99 • 8 33-C5 I 100.5 97.4 94.6 84.9 70.2 51.C 31.6 7.6 69.2 93C 06-08 100.0 99.9 97.5 94.8 87.5 73.8 55.1 34.6 70.6 930 85.6 39-11 99.2 94.3 70.2 53.5 38.5 4.7 930 100.0 22.0 62.6 95.0 63.2 12-14 100.0 45.3 33.0 22.4 93L 81.8 13.5 3.2 51.4 15-17 1:0.0 93.7 73.4 56.0 38.4 28.6 19.9 12.2 2.6 48.1 930 90.6 79.0 62.0 42.2 29.2 930 18-23 1 1:00.0 97.7 16.3 3.8 57.9 99.2 80.3 59.6 21-23 } 100.0 96.2 76.2 41.C 21.9 5.7 64.5 930 I TOTALS 1 100.0 98 . 1 91.1 81.8 68.1 53.2 37.9 22.4 5.3 61.4 744€

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PEPCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY LSAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAG

STATIO	ON NUMBER	: 722665	STATION	NAME:	DYESS AFE	ТX				PERIOD OF MONTH: AL		7-87
MONTH	FOURS			CENTAGE	FREQUENCY	OF RE	LATIVE				MEAN RELATIVE	TOTAL Nup
	1 (1231) 1	133	20%	30%	43%	501	60%	70\$	8C\$	90%	[HUMIDITY]	
MAL	ALL	100.0	99 • 0	92.5	81.5	67.2	51.0		17.2	3.7	60.1	744C
FEB		100.0	97.9	92.4	82.4	69.9	55.4	40.1	21.3	6.0	62.2	6767
PAR		1 cc • C	95.9	85.2	71.8	55.9	39.5	24.4	8.9	. 8	53.9	7439
APR		1:0.0	92 • 9	79.8	64.3	48.1	33.4	19.7	9.0	3.1	50.6	720C
MAY		100.0	97.1	88.9	77.6	63.2	46.8	29.5	15.3	4.2	58.0	7437
אטע		1 co . c	99 • 7	95.2	82.3	64.3	44.4	25.7	11.4	3.0	58.3	7196
JUL		100.0	99 • 1	88.5	69.6	48.8	30.3	17.0	7.2	1.1	51.7	744E
AUG		1 (0 - 0	99.5	90.9	71.6	51.1	31.9	17.1	7.7	1.7	52.8	7432
SEP	į	100.0	97.9	89.3	74.6	56.9	40.5	25.8	12.6	2.4	55.6	720C
oct		1:0.0	97 • 7	90.5	79.6	66.0	51.4	36.2	21.0	6.4	60.7	7439
NOV		100.0	99.0	93	63.7	70.3	54.4	36.7	19.1	6 • D	61.9	720C
DEC		1 co. c	98 • 1	91.1	81.9	68.1	53.2	37.9	22.4	5.3	61.4	744C
	TOTALS 1	1:0.0	97 • 8	89.8	76.7	60.8	44.3	28.6	14.4	3.6	57.3	8763C

AD-A190 356 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHAR-HATIONAL BUREAU OF STANDARDS 1985

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PRESSURE SUMMARIES

STATION PRSSURE SUMMARIES

DATA GERIVEE FROM HOURL'S OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME CEGUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED:.
PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

BATA DERIVEE FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY HENTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED).
PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OPSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH STATION PRESSURE IN INCHES HG FROM MEANS AND STANDARD DEVIATIONS USAFETAC HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 722665 STATION NAME: DYESS AFR TX

PERIOD OF RECORD: 77-87

LST		JAN	FEB	MAR	APR	MAY	JUN	JÚ L	AUG	SEP	ост	NOV	DEC	A NN
I 0 0	MEAN SD TOT CBS	. 194	28 • 15 7 • 19 1 28 2		28.049 •175 300	28.020 .148 310	•107 300		28.113 .076 310	28.114 .125 300	28,143 •151 310	28.159 .185 300	28.208 .208 310	28.119 .169 3652
3 Ì	MEAN SD 1040 TOT	. 197 !16	28 • 14 8 • 19 4 28 2	•195 310	28.639 •175 300	78.628 •147 310	•108 300	•075 310	.078 310	28.109 .123 300	.152 310	28.148 .186 300	28.197 .210 310	28.111 .170 3652
 6	MZAN] SC FOT OBS	28.212 •196 310	28 • 15 3 • 19 5 28 2	28.076 .199 310	28.056 •176 300	28.328 .147 310	26.079 •108 300	26 •122 •074 310	28.127 .0 ⁷⁸ 310	28.126 .122 300	28.152 .153 310	28.155 -184 300	28.198 .213 310	28.124 .169 3652
9 1	MEAN SD TOT OPS;	28.249 .197 310	28 • 19 0 • 19 4 28 2	28.110 .254 31u	28.091 .176 300		28.107 -109 300		28.157 .080 310		28.189 •153 310	28.195 •185 300		28.158 .170 3652
z i	MEAN SD Tot ous	28.250 •198 310	28 • 19 1 • 19 1 26 2	28.105 .207 316	28.077 .179 300	28.046 .144 310	28.094 .108 300	28.137 .072 310	28.143 .08C 31C	•122 300	•151 310	28.181 .186 300	28.229 .217 310	28.148 •172 3652
1 5 1	4EAN 50 101 0BS	28.1°C .198 313	28.119 .189 282	28.035 .2Ca 315	28.016 -191 300	27.993 •145 310	28.043 .126 300	28.085 • 573 310	26.085 -081 310	28.084 .125 300	28.112 .151 310	28.118 .187 30D	28.166 .214 310	28.086 .171 3652
 -		28.185 .195 310	28 • 11 6 • 18 4 28 2		27.992 •181 300	27.961 •144 310	28.013 -106 300	28.046 .073 310	28.054 •081 309			28.123 .187 300	28.174 .209 31G	28.071 .174 3651
1 į	MEAR: SO Tot ors!	28.213 .194 31C	28.146 .185 .282	28.057 199 314	28.031 .175 300	27.999 .143 31g	26.042 .103 300	28.077 .073 310	26.091 .081 309	28.106 •127 300	28.140 -153 310	28.153 .184 300	.205 310	28.105 .171 3651
LLÍ	MEAN SD TOT ORS	29.216 .197 2480	28 - 15 3 - 19 2 2 25 6	28.068 .203		28.014 .145 2450	28.062	28 • 103 • 08 C 24 8 O	28.11D .085 2478	28.114 .127 2400	28 - 144 - 154 2480	28.154 .187 2400	28.201 .212 2480	28.115 .173 29214

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MAS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722665 STATION NAME: DYESS AFB TX

PERIOD OF RECORD: 77-87

HOURS LST	SI STATS I	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV	LEC	ANN
	MEAN SD TOT ORS!	7.563 310	1018.0 7.610 282	1014 .2 7 • 454 310	6.743 300	5.602 310	1012.4 4.009 300	2.730 310	1013.9 2.977 310	1014.3 4.891 300	1016.0 5.867 310	1017.5 7.194 300	1019.9 8.209 310	1015.4 6.819 3652
03	MEAN SD TOT CBS	1020.3 7.683 310	1017.5 7.750 282	1013.6 7.501 310	1012.3 6.780 300	1010.7 5.571 310	1012.0 4.132 300	1013.4 2.787 310	1013.7 2.986 310	4.821 300	1015.8 5.952 310	1017.0 7.255 300	1019.5 8.309 310	1015.0 6.859 3652
	MEAN I SD I TOT OSSI	102C.5 7.67c	1017.8 7.735 282	1014.4 7.644 310	1013.0 6.797 300	1011.5 5.576 310	1012.9 4.068 300	1014.3 2.770 310	1014.5 2.967 310	1014.8 4.785 300	1016.5 5.953 310	7.180 300	1019.7 8.337 310	1015.6 6.772 3652
	MLAN SO TOT OBS	7 • 65 7 31 0	7.614	1015.9 7.824 310	1014.4 6.843 300	5.518 310	1J14.0 4.682 300	1015.3 2.715 310	1015.6 3.019 310	1016.0 4.794 300	1017.9 5.913 310	1019.0 7.190 300	1021.2 8.404 310	1016.9 6.834 3651
12	MEAN SD TCT OBS	1021.8 7.721 310	1019.1 7.579 282	1015.4 7.540 310	1013.7 6.9 m 300	1012 • 1 5 • 457 310	1013.4 4.632 300	1014.7 2.690 310	1015.0 3.043 310	1015.4 4.787 300	1017.2 5.844 310	1018 • 2 7 • 212 300	1020.7 8.525 310	1016.4 6.893 3652
15	MEAN SD TOT OBS	1019.1 7.720 310	1016.5 7.488 282	1012.7 7.959 31u	1011.4 6.999 3Co	1010.1 5.509 310	1011.6 4.022 300	1012.8 2.723 310	1012.8 3.087 310	1013.1 4.889 300	1014.9 5.841 310	1015.9 7.272 300	1018.4 8.449 310	1014.1 6.831 3652
18	1101 0851	7.643			1010.7 6.955 300	1009+1 5+483 313		1011.5 2.712 310		1012.6 4.969 300	1014.9 5.825 310	1016.3 7.236 300	1018.9 8.188 310	1013.7 7.010 3651
21	1101 0851	7.568	1017.8 7.319 282	7.624 31J	1012.2 6.736 300	5.426 310	3.668 300	2.710 310	1013.1 3.073 309	4.942 300	1016.1 5.861 310	1017.5 7.166 300	1020.1 8.072 310	1015.0 6.913 3651
ALL	MEAN SD SO TOT		1017.8 7.605 2255	1014.1 7.797 248J	1012.6 6.923 2420	1011-0 5-616 2480		1013.5 2.961 2480		1014.3 4.964 2400	1016.2 5.955 2480	1017.3 7.263 2400	1019.8 8.344 248D	1015.3 6.940 29213

END DATE LIMED A